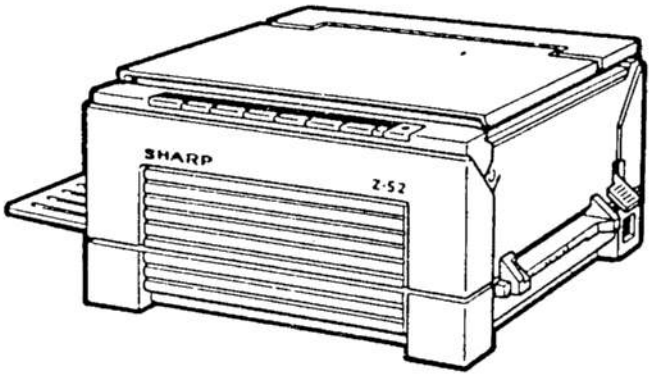
SHARP SERVICE MANUAL

CODE: 00ZZ52S/M//-E



MODEL Z-52

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MC-Service

SHARP CORPORATION

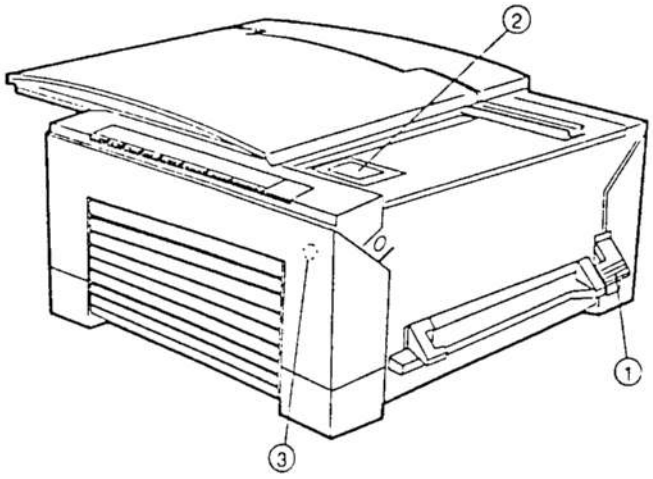
This document has been published to be used for after sales service only.
The contents are subject to change without no

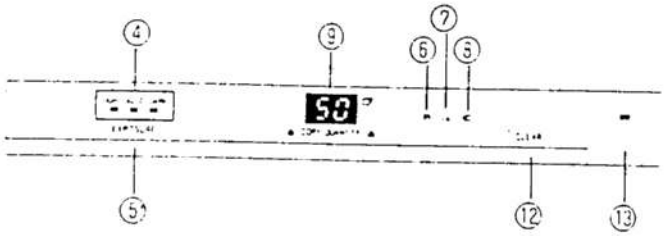
[1] BASIC SPECIFICATIONS

Type:
Desktop
Copying system:
Dry-type electrostatic plain paper copier
Kinds of originals:
Sheets, book
Thickness: 30 mm (1.18 inch) maximum with the original cover in use.
Weight: 1.8 kg (4 lbs) maximum
Original size:
A4 maximum
Copy size:
(Cassette feed) (Capacity: 100 sheets)
A4, B5, A5 (56 to 80 g/m^2)
or 8 1/2" x 5/12" x 11" (14.9 lbs to 21.3 lbs)
(Manual feed)
A4 to A6, postcard, business card (52 to 130 g/m^2)
or 8 1/2 x 11" to 8 1/2 x 5 1/2" (13.8 lbs to 34.5 lbs)
Copy speed:
8 copies/minute (all sizes)
First copy:
11 seconds (time required until the copy paper is delivered to the exit tray after depression of the PRINT switch for A4 or letter size paper.)
Warmup time:
25 seconds at rated voltage, room temperature at 20 to 25°C (68° to 77°F), 65%RH.
Multicopying:
1 to 50 copies, countdown LED type, with auto repeat
Magnification ratio:
1 : 1±1%
Exposure system:
Slit exposure by moving table.
Paper feed system:
Cassette and manual feeds
Developing system:
Magnetic brush development (2-component developer)
Fusing system:
Heat roller type
Light source:
Halogen lamp (100V series 200W, 200V series 215W)
Power requirements:
Local supply voltage ±10%.
Power consumption:
1.15 kW maximum, 50 W/h standby (power down mode)
Physical dimensions:
425(W) x 416(D) x 218(H) mm
16-47/64"(W) x 16-25/64"(D) x 8-19/32"(H)
Machine occupation space:
726(W) x 416(D) mm
28.6"(W) x 16.4"(D)
Operating conditions:
Temperature 10 – 30°C
Humidity 20 – 85% RH
Weight:
15 kg (33.1 lbs)
Display Functions:
PRINT: The green lamp turns ON when the copier is ready for copying, turns OFF during the warmup time, and flashes when in the power down mode.
MULTICOPY: Multicopy number displayed on LED, normally 0.
MISFEED: The red lamp flashes when the paper is misfed.
TONER: Flashes when the toner box is empty.
DRUM: ON after 8,000 copies. Starts to flash after 9,000 copies and the machine stops.
Accessories:
Drum cartridge x 1
Semi-universal cassette x 1
Instruction manual x 1
Power supply cord x 1
Options:
Drum cartridge (ZT-50DR)
TD cartridge
Black (ZT-50TD1)
Red (ZT-50TD2)
Blue (ZT-50TD3)
Brown (ZT-50TD4)
Green (ZT-50TD5)
Machine stand (ZT-52D) (From 92/Feb.)
Standard paper (for cassette)
Special paper
Dust cover

The term "TD cartridge" means the "Toner Developer cartridge".

[2] OPERATION PANEL AND INDICATOR FUNCTIONAL DESCRIPTION





① Power switch and power supply cord
Power is turned on and off using the power lever.

② Upper frame release button
Used to release the frame lock when a misfeed occurs or the drum cartridge has to be replaced.

③ Doorswitch
Used to check the front door position.
If the front cover is opened, the misfeed and multicopy indicator will be reset.

④ Auto exposure control
Selects appropriate exposure rate depending on the contrast and background color of the original.

⑤ Exposure control lever
It has three set positions.
For most originals, set at the center position.
To make the copy darker, move to DARK.
To make the copy lighter, move to LIGHT.

⑥ Misfeed indicator
When a misfeed occurs, this lamp turns ON.

⑦ TD cartridge replacement indicator
The lamp flashes when the TD cartridge needs replacement.

⑧ Drum cartridge replacement indicator
After 8,000 copies, the indicator will start to flash. An additional 1,000 copies can be made. At this time the indicator will stop flashing and stay ON. No additional copies can be made until the Drum cartridge is replaced.

⑨ Multicopy
Copy numbers between 1 and 50 can be entered using the right key (units digit) and the left key (tens digit). When the left key is depressed in the middle of multicopy operation, the number of copies already made is displayed.

⑩ Auto repeat
Upon completion of copying in the multicopy mode, the copy r
ber previously set returns to the copy number set display. Us
the CLEAR key resets the number. One minute after compl
of copying, the number and the auto repeat functions are a
matically cleared.

⑪ Paper feed alarm (P indication)
If a sheet of paper is not transferred to the paper stopper
depression of the PRINT key, or the cassette is empty, "F
displayed in the copy number window. If the COPY NUMBER
or the CLEAR key is depressed or the MANUAL FEED switc
pressed, the "P" indication disappears.
When the copier is opened, the "P" indication is also cancelled

⑫ Clear
Multicopy and auto repeat modes are cleared with the CLE
key. One minute after completion of copy operation, the pr
number and the repeat functions are automatically cleared
the copy exposure control returns to AUTO.

⑬ PRINT key
20 seconds after power is turned on, the READY lamp turns
indicating that the copier is ready for copying. If left unoperated
90 seconds, the copier then goes into the power save mode
the READY lamp changes from ON to flashing. When the PRI
key is pressed while the READY lamp is on, the machine imm
ately starts to copy. When the PRINT key is pressed while
READY lamp is flashing, the power save mode is cancelled,
original table moves to the copy start position, and it starts
copy operation after completion of the warmup cycle. The t
before the copy process starts is dependent on the time in
power save mode, but it will be less than 8 seconds after
depression of the PRINT switch.

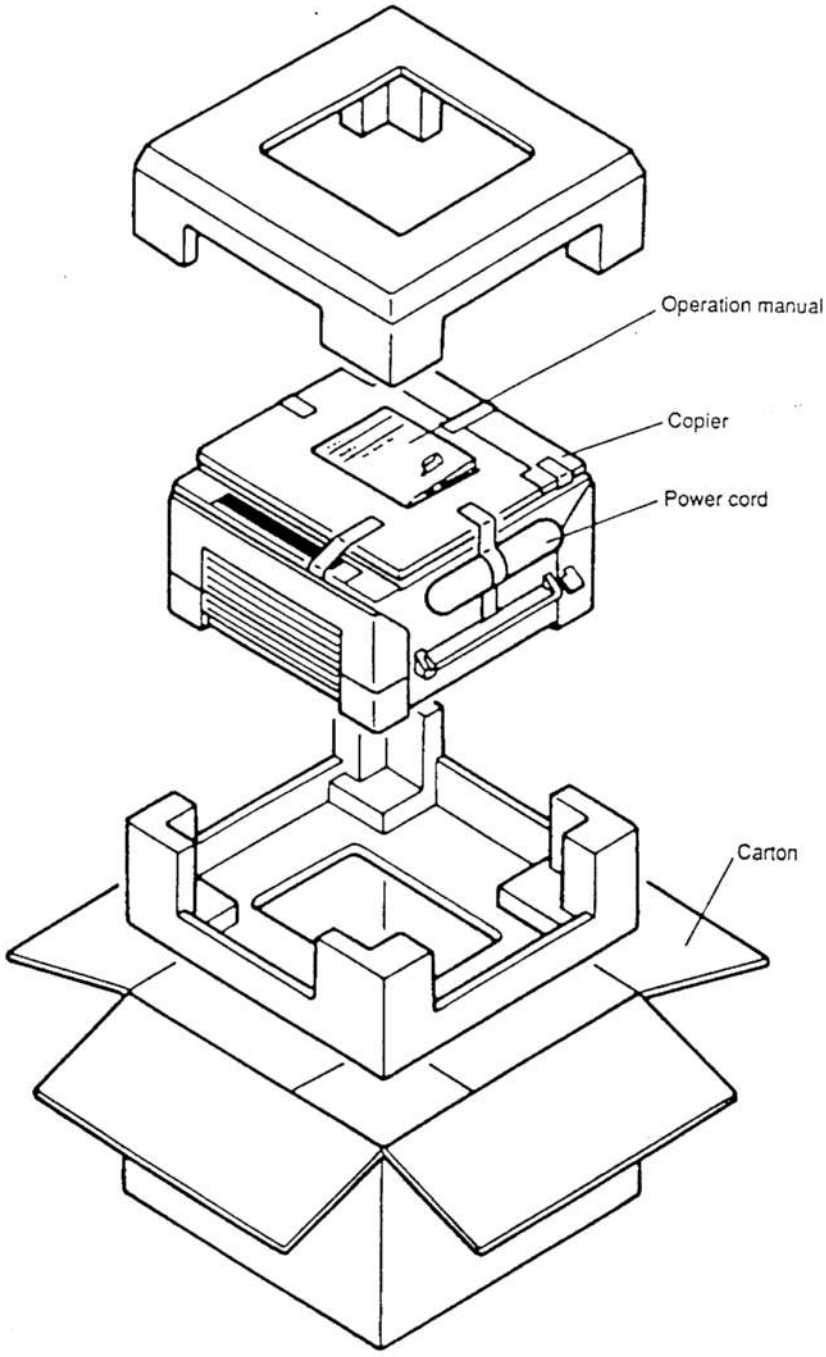
[3] UNPACKING AND INSTALLATION

1. Unpacking

(1) Open the carton in the following sequence.

① Cut the tape around the top of the package and open the flaps.

② Remove the upper packing cushion and take out the machine.

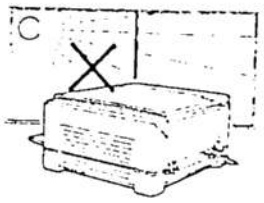


2. Installation

Installation requirements:
Please note the following requirements when installing the copier.

(1) Machine Environment

① Avoid installation in direct sunlight or bright locations near a window.
Direct sunlight may cause the plastic components and the original cover to deform. Frosted glass may also produce the same effect.



② Avoid installation in a hot, damp place or where rapid changes in humidity occur (for example; near an air conditioner).
This may cause paper to dampen or moisture inside the copier, and may lead to a misfeed and deterioration in copy quality.
The recommended environmental conditions are:
20 to 25 degrees C (68 to 77 degrees F.), 65%±5%RH.
The nominal environment conditions are:
10 to 30 degrees C. (40 to 86 degrees F.), 0 to 85%RH.
If the copier is to be installed in an area of higher temperature the humidity must be lower. Example; If the temperature, is 35 degrees C. (95 degrees F), The humidity should be 65%.

③ Avoid installation in a place where dust or vibration is encountered.
Dust deposit inside of the copier may lead to a deterioration of copy quality or machine trouble.

④ Install the machine on a level surface.
The toner density and copy quality may be affected unless the machine is installed in a level condition.

⑤ Do not install the copier on an unstable or uneven surface. The copier must be placed on a level surface to permit proper functioning.

⑥ Avoid installation in a place where the ventilation or air circulation is poor.

⑦ Never install the copier near inflammable materials or in the presence of ammonia fumes.
Installation near a diazo copy machine may lead to a deterioration of copy quality or a machine malfunction.

⑧ Install the copier near the wall outlet.

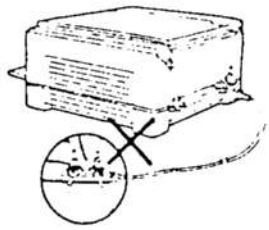
(2) Space around the copier

The copier requires at least 10cm of clearance between the rear side and the wall. This space is required for proper cooling fan ventilation. Adequate working space around the machine should also be allowed for ease of operation.

(3) Power source

① The power supply line should have a capacity of more than capable of supplying more than 90% of the rated voltage a load.

② Do not use an extension cord, or operate any other equipr from the same wall outlet.



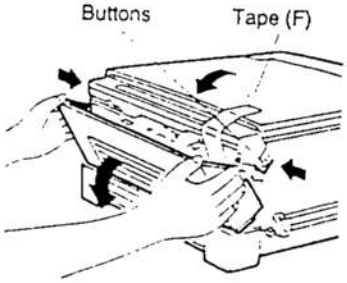
(4) Ground connection

① Use a properly grounded (three prong) wall outlet only.

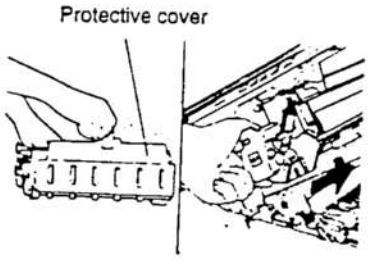
3. Installation procedure

① Remove the poly bag.

② Open the front cover.
Push the front cover open buttons located at both sides of copier.
Remove tape (F).

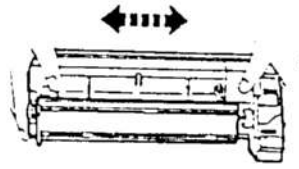


③ Install the drum cartridge (Except USA, Canada)
a. Open the front cover.
b. Open the upper frame.
c. Remove the cover from a new drum cartridge.
d. Push in the drum cartridge all the way, then close the upper frame.



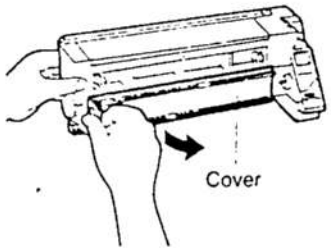
Never expose the drum to direct sunlight or touch the drum surface with your fingers.

④ Open the box containing the TD cartridge.
Remove the TD cartridge from the bag and shake it horizontally four or five times.

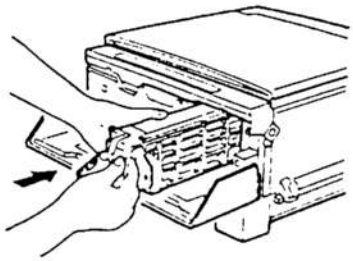


⑤ Remove the cover from the TD cartridge.

- Save the TD cartridge cover. It should be used to seal the TD cartridge if the copier must be shipped for servicing or in case you move.



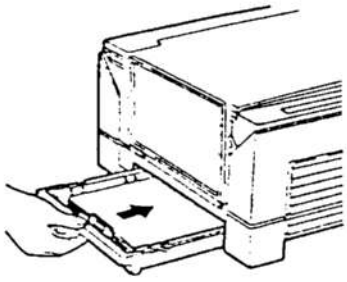
⑥ Slide the TD cartridge in until it locks in place.



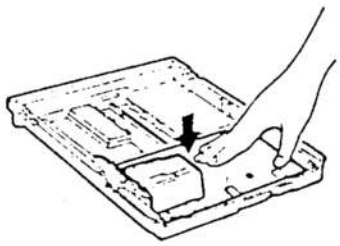
⑦ Close the front cover.

⑧ Remove the paper cassette from the copier bag.

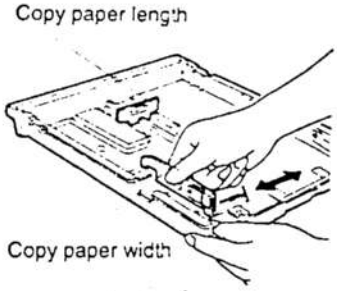
⑨ Fan the copy paper and insert it into the cassette. (Maximum: 100 sheets)



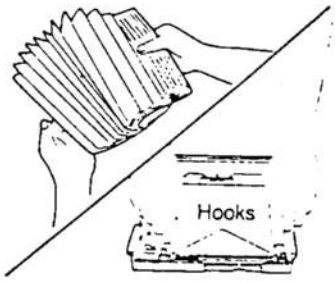
a. Push the pressure plate until it locks in position.



b. Adjust the paper guides in the cassette to the copy paper width and length.

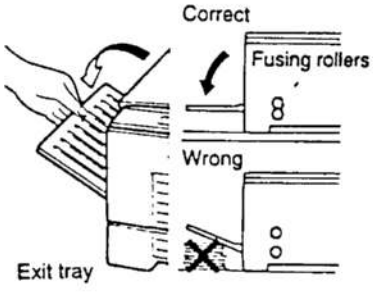


c. Fan the copy paper and insert it into the cassette. Make sure the edges go under the corner hooks.



d. Remove the tape over the exit tray.

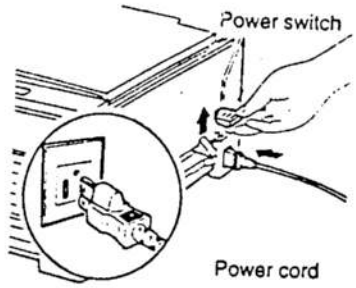
⑩ Swing the exit tray down.



NOTE: Do not place any objects under the exit tray. The exit tray is linked with the fusing rollers inside the copier. When the exit tray is opened, the proper pressure for fusing toner on the paper is applied to the fusing rollers. Consequently, if there is something under the exit tray and the exit tray is not fully opened, a paper jam or faulty fusing many occur during copying.

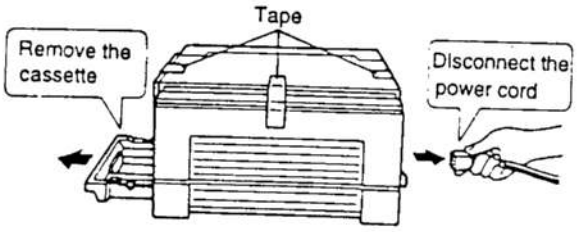
⑪ Plug the power cord into the copier and then into the nearest outlet.

* After machine installation or TD cartridge replacement, the ready lamp may require a longer period (two minutes or less) before it turns ON.

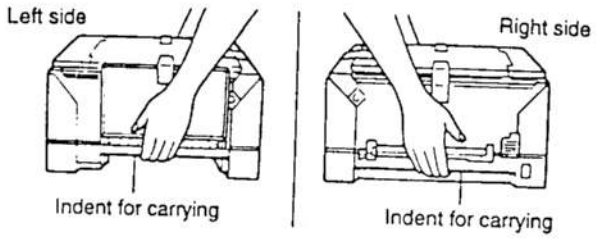


4. How to carry

① Remove the cassette and disconnect the power cord.
Fix the original cover and the front cover with tape as shown below:



② Lift eh copier by holding the indents for carrying as shown below:
(Note) • Do not carry the copier with the cassette inserted in it.
• Always keep the copier horizontally.



[Note for carrying by car]

- Remove the TD cartridge and put it in the package.
- Place the copier stably in the trunk of the car.
- Do not keep the copier in the trunk for a long time because the temperature in the trunk may rise extremely.
- Avoid extreme vibrations when driving.

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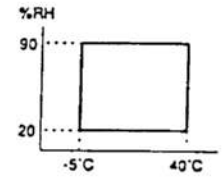
4]SUPPLIES

. Drum cartridge, TD cartridge

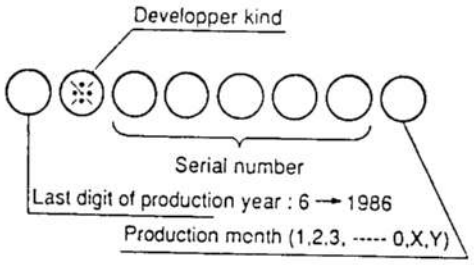
Name	Description		Product name		* Life Approx.	Storage conditions (temperature and humidity)
Drum cartridge	Drum cartridge x 1 Instructions x 1		ZT-50DR		9,000 copies	
TD cartridge	TD cartridge x 1, (including developer and toner)		For USA	Except USA	*	
		Black	ZT-50TD1	ZT-50DC1		
		Red	ZT-50TD2	ZT-50DC2		
		Blue	ZT-50TD3	ZT-50DC3		
		Brown	ZT-50TD4	ZT-50DC4		

3,000 copies for black (2,700 copies for color) for A4 or letter size with 5% toned area.

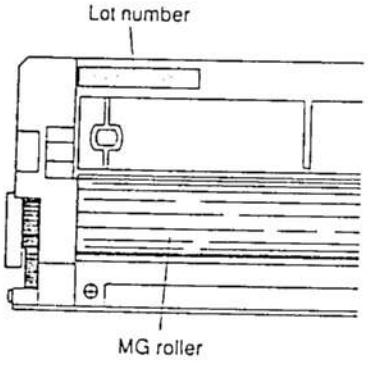
* These are estimates only, life will vary depending on actual useage.

)TE: How to identify the lot number

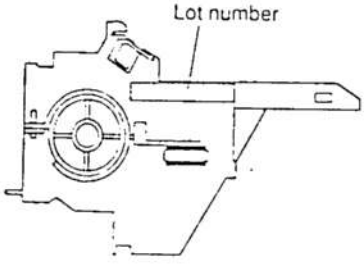
D cartridge)



. Black developer (JAPAN)
:. Black developer (EXPORT)
·. Red developer
5. Blue developer
6. Brown developer
0. No classification



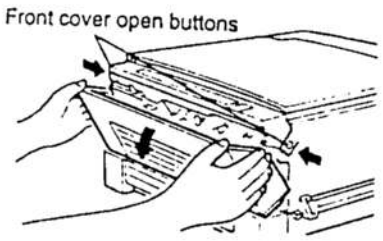
ım cartridge)
ne as TD cartridge.



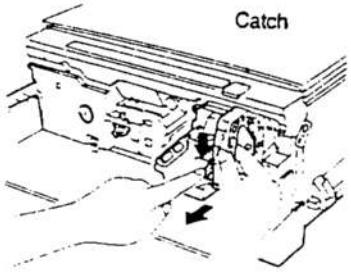
Rear frame side of the drum cartridge

2. Replacing the drum cartridge

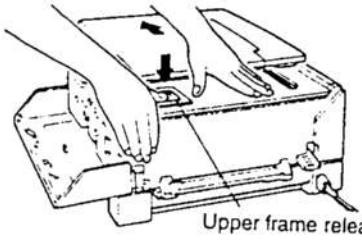
① Turn off the power and open the front cover.



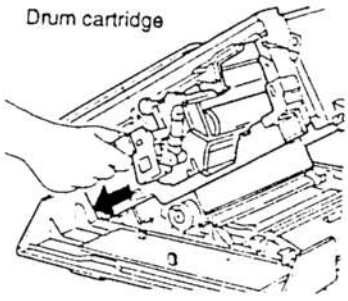
② Press down on the catch and pull out the TD cartridge slowly.



③ Move the original table to the left, and press the upper frame release button to open the copier.



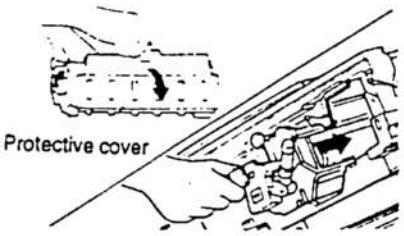
④ Grasp the handle of the drum cartridge and pull the drum cartridge out.



NOTE: The drum cartridge cannot be removed or inserted unless the upper frame is open.

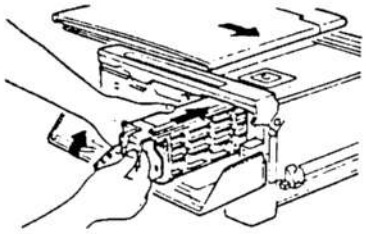
⑤ Remove the protective cover from the new drum cartridge.

⑥ Push in the drum cartridge all the way in, then close the upper frame.



⑦ Insert the TD cartridge, then close the front cover.

⑧ Turn on the power and make sure that the DRUM replacement lamp is extinguished.

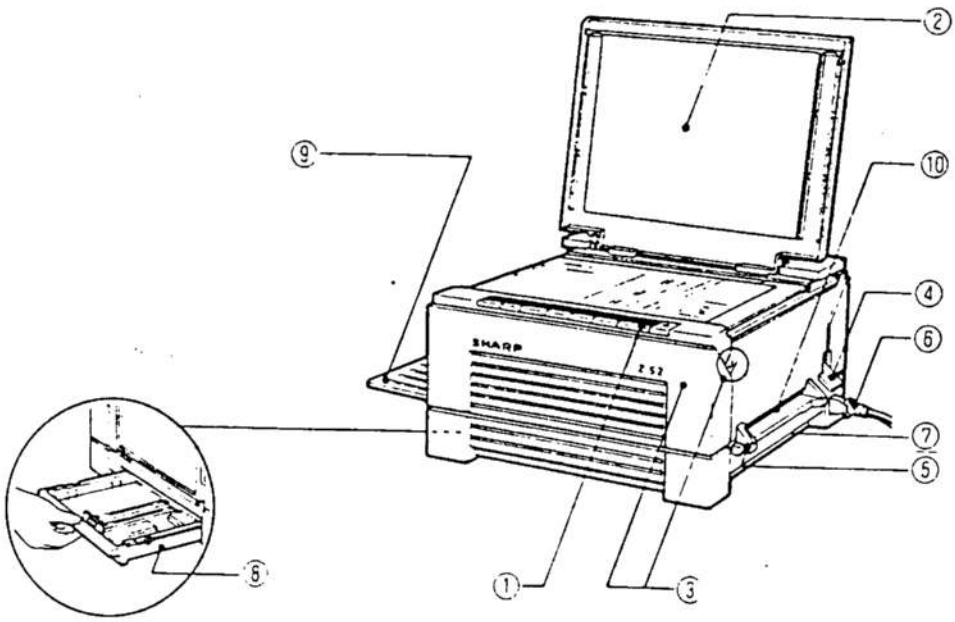


3. TD cartridge replacement

For TD cartridge replacement, refer to the description in "Installation procedure."

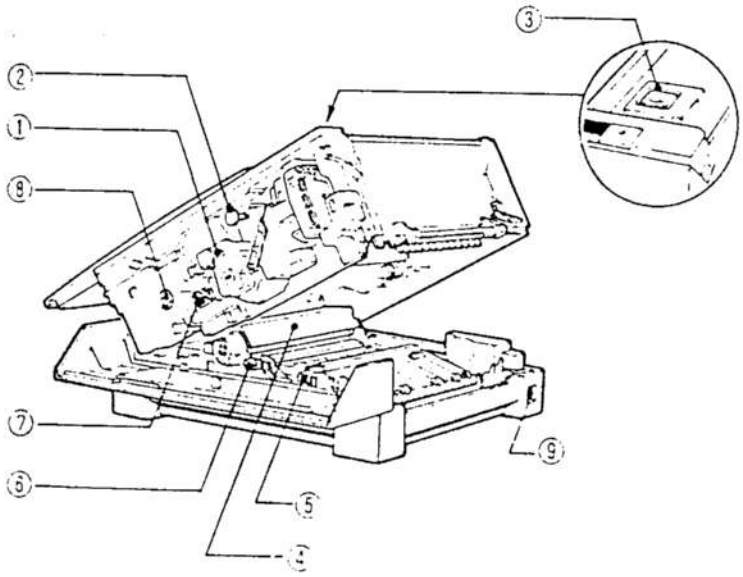
[5] COMPONENT LOCATION

1. External



①	Operation panel	②	Original cover	③	Front cover and open buttons (both sides)
④	POWER switch lever	⑤	Manual feed guide	⑥	Power supply cord
⑦	Incent for carrying (paper entry side)	⑧	Cassette	⑨	Exit tray
⑩	Manual feed inlet				

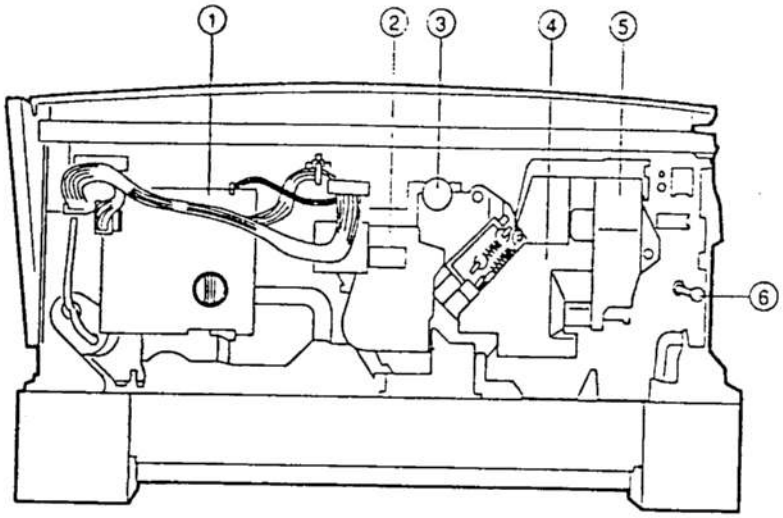
2. Open view



①	Drum cartridge	②	Cleaning lever	③	Upper frame release button (Appears when the front cover is shifted.)
④	Fuser (High temperature)	⑤	Transfer corona unit	⑥	Fuser accessing lever
⑦	Transfer corona cleaner	⑧	Copy exposure balance correction knob	⑨	Power cord inlet

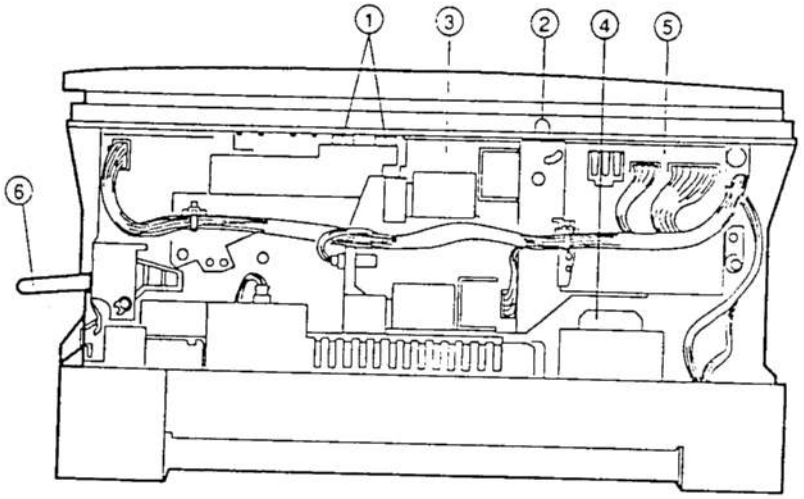
MC-Service

3. Front frame side



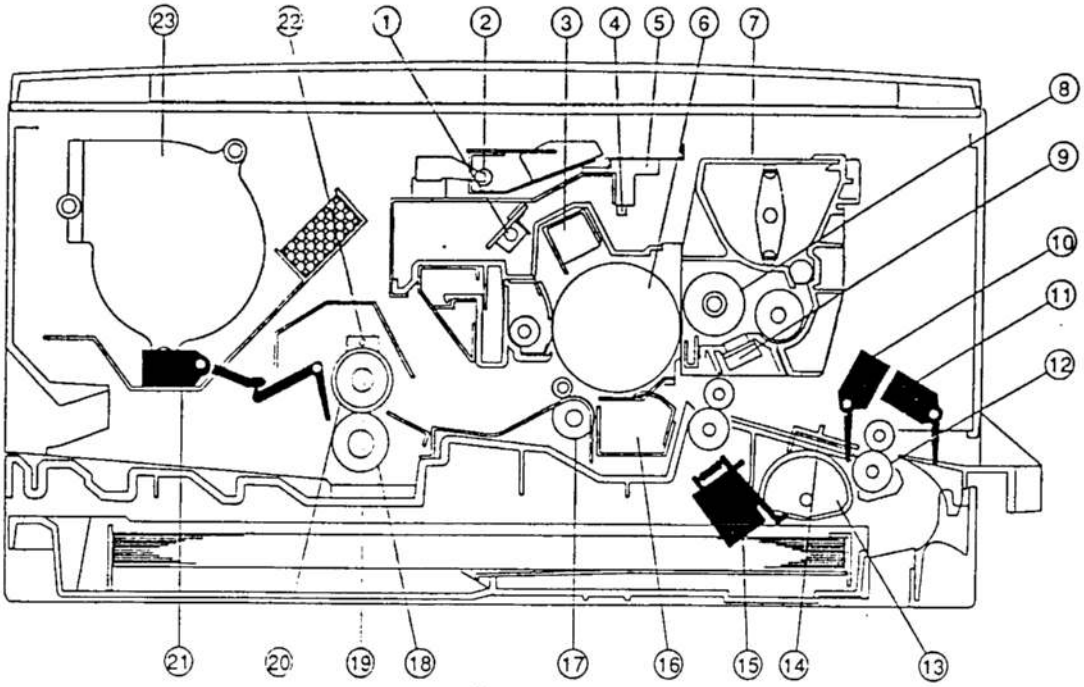
①	CLR PWB	②	Drum cartridge	③	Cleaning lever (in the drum cartridge)
④	Toner collection container	⑤	TD cartridge	⑥	Doorswitch (interlinked for the main switch)

4. Rear frame side



①	Table start position sensor (MS4) and table home/overrun position sensor (MS5)	②	PS sensor lever	③	High voltage transformer unit (MTHVG)
④	Power transformer	⑤	Main PWB	⑥	Power switch lever

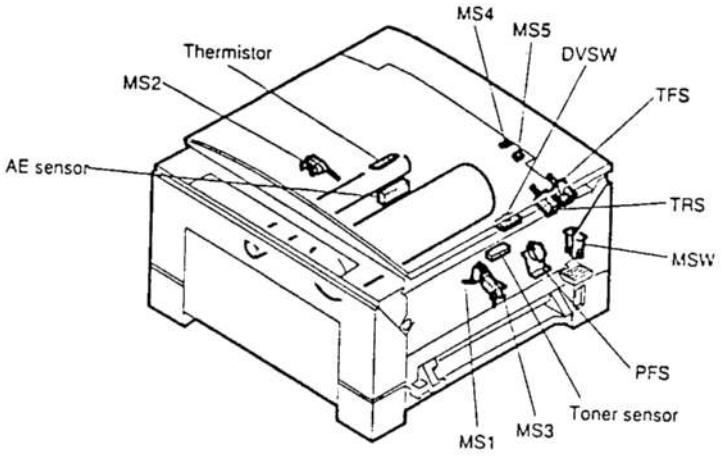
5. Cross section



①	Discharge lamp	②	Copy lamp	③	Main corona
④	SELFOC lens	⑤	Auto exposure sensor	⑥	OPC drum
⑦	TD cartridge	⑧	MG roller	⑨	Toner concentration sensor
⑩	Paper entry sensor (MS 1)	⑪	Manual feed paper entry sensor (MS 3)	⑫	Paper feed roller B
⑬	Paper feed roller A	⑭	PS plate	⑮	Cassette paper feed solenoid (PFS)
⑯	Transfer corona	⑰	Separation roller	⑱	Lower heat roller
⑲	Heater lamp	⑳	Upper heat roller	㉑	Paper exit sensor (MS 2)
㉒	Thermistor/thermal fuse/thermal breaker	㉓	Cooling fan (main motor driven)		

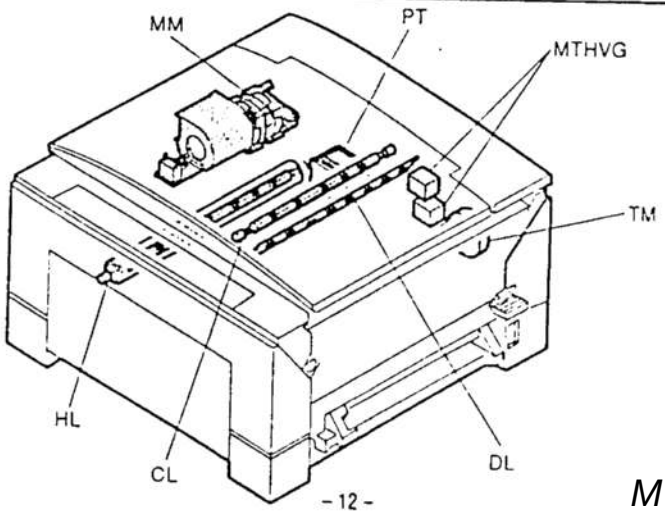
6. Switch, sensor, solenoid locations

Name	Type	Function
MS 1	Switch	Paper entry sensor
MS 2	Switch	Paper exit sensor
MS 3	Switch	Manual feed paper entry sensor
MS 4	Microswitch	Table start position sensor
MS 5	Microswitch	Table home/overrun position sensor
MSW	Switch	Power switch
DVSW	Microswitch	Sensor installation of the TD cartridge in the copier. If the TD cartridge is not installed, the machine will not operate because power is not supplied to the main PWB.
Toner sensor	Magnetic sensor	Toner concentration sensor (in the developer cartridge)
AE sensor	Photosensor	Original contrast sensor
Thermistor	Thermistor	Upper heat roller surface temperature sensor
PSF	Solenoid	Cassette paper feed solenoid
TFS	Solenoid	Table feed solenoid
TRS	Solenoid	Table return solenoid



7. Motor, transformer, lamp locations

Symbol	Name	Function
MM	Main motor	Main drive motor also drives the cooling fan.
TM	Toner motor	Toner supply motor
PT	Power transformer	Power transformer
MTHVG	Main and transfer high voltage units	Main corona and transfer corona high voltage supply units
DL	Discharge lamp	For removal of residual charge on the drum surface
CL	Copy lamp	For exposure of original
HL	Heater lamp	For heat roller heating



MC-Service

OPY PROCESS

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process

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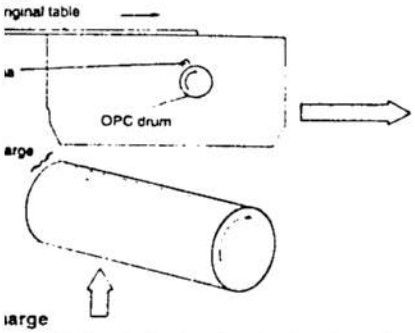
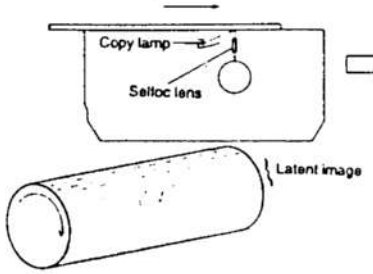
negative charge is applied to the opc drum surface by the
na.



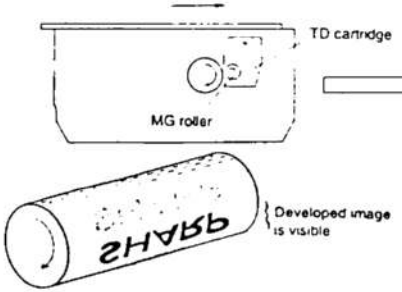
2. Exposure

Light from the copy lamp, reflected from the original, is projected onto the drum surface through the SELFOC lens. The resistance of the OPC layer decreases for the area exposed by the light (corresponding to the light area of the original). The light neutralizes the negative charge. The dark areas of the original do not reflect the light and an electrostatic latent image is formed on the drum surface.



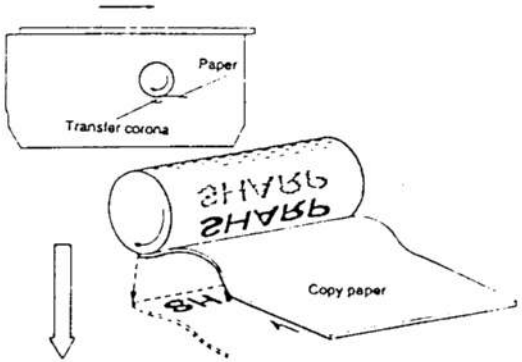
3. Developing

The electrostatic latent image in the drum surface is converted into a visible image by the toner.

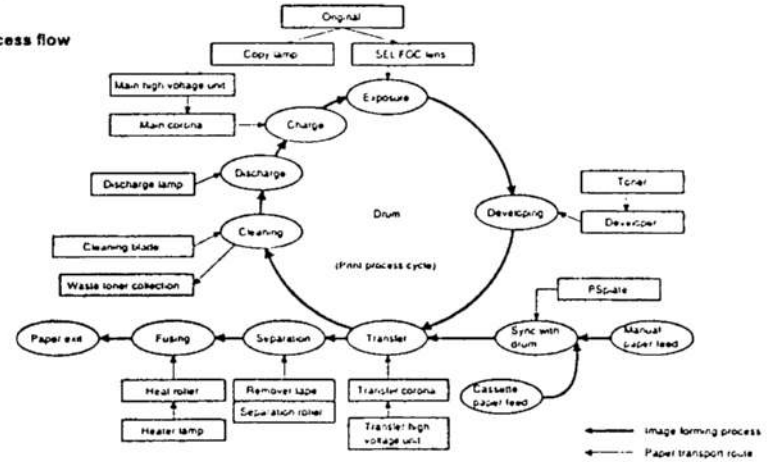


4. Transfer

The visible image on the drum surface is transferred onto the copy paper by applying a negative charge from the transfer corona to the back of the copy paper.

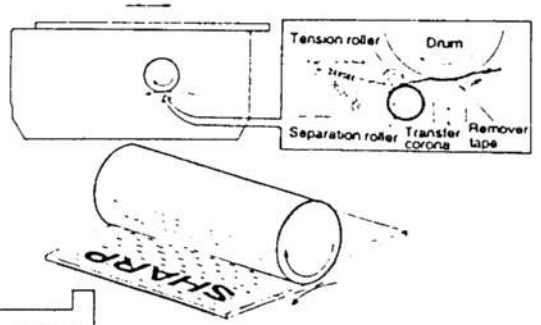


B. Copy process flow



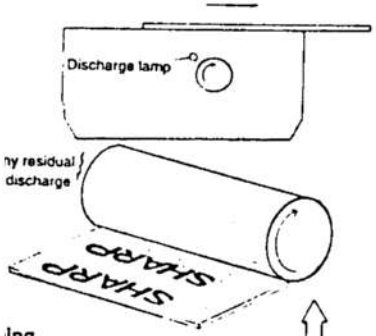
5. Separation

The paper is separated from the drum by the remover tape and the separation roller

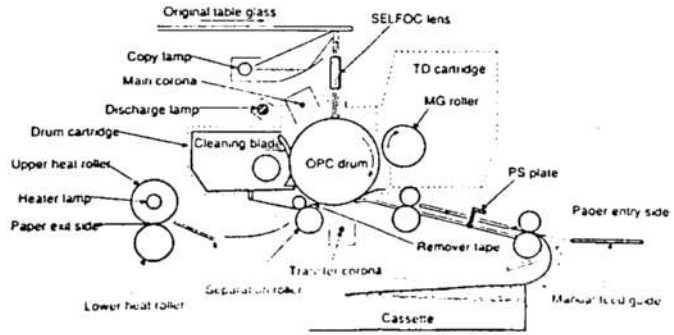


large

large, light from the discharge lamp is projected over the
educe electrical resistance of the OPC layer and remove
al charge to evenly neutralize the drum surface.

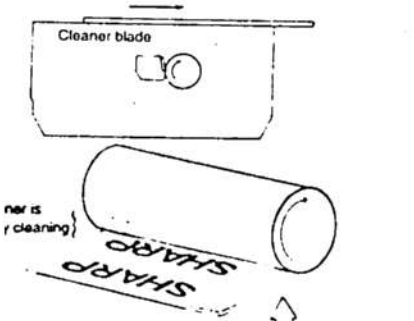


C. Functional diagram



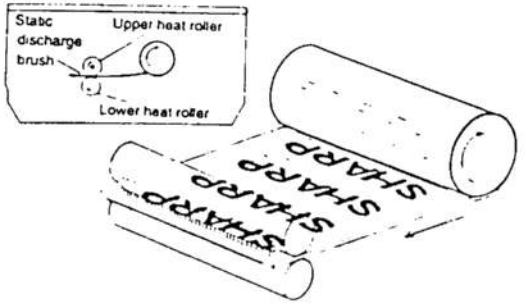
ling

oner on the drum surface is collected by the cleaning blade.



6. Fusing

Through a combination of heat and pressure, the image is fused into the copy paper.



2. Image forming process steps

Image forming:
A charge is applied to the drum surface by the main corona, and the image of the original is exposed by the copy lamp. the charge in a light image area is dissipated according to the degree of density to form a visible image on the drum surface with toner.

Step-1: Optical discharge
Residual charge on the drum surface is removed.

Step-2: Charge
Step-3: Exposure
Latent image is formed on the drum.

Step-4: Developing
Latent image formed on the drum is then developed into a visible image with toner.

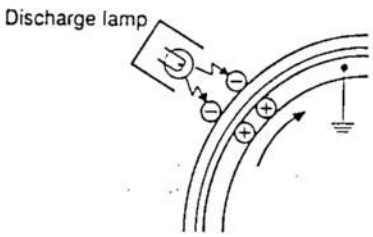
Step-5: Transfer
the visible image (toner image) on the drum is transferred onto the copy paper.

Step-6: Cleaning
Residual toner on the drum surface is collected by the cleaning blade.

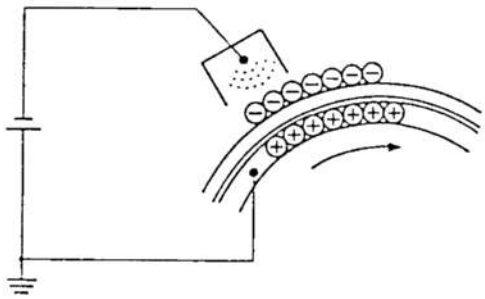
Step-7: Optical discharge
Residual charge on the drum surface is removed.

3. Description of process

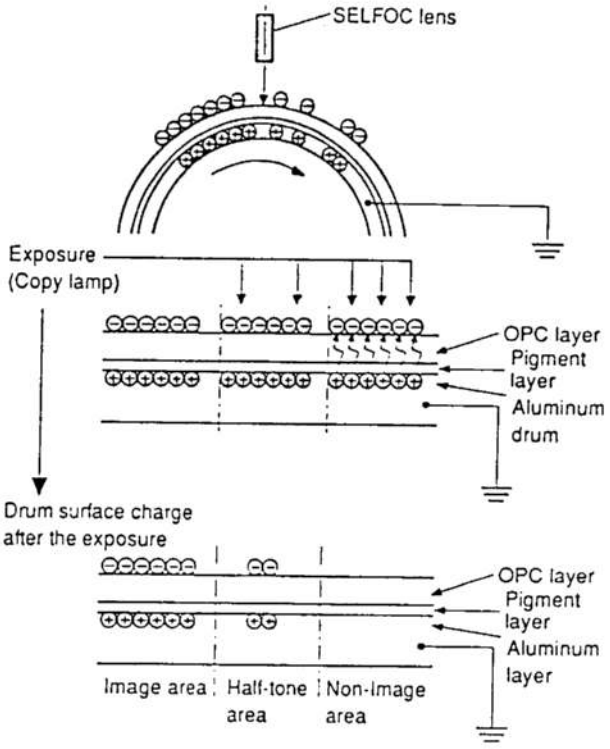
Step-1: Optical discharge (by the discharge lamp)
Prior to charge, light from the discharge lamp is projected over the drum to reduce electrical resistance of the OPC layer and remove any residual charge to evenly neutralize the drum surface. As the electrical resistance is decreased, the positive charge in the aluminium layer moves to neutralize the negative charge present in the OPC layer.



Step-2: Charge
A uniform negative charge is applied over the OPC drum surface by the main corona unit.

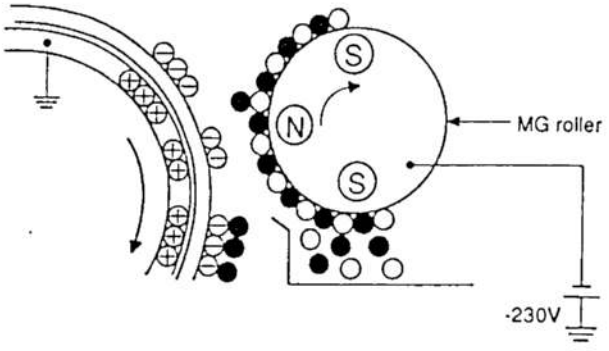


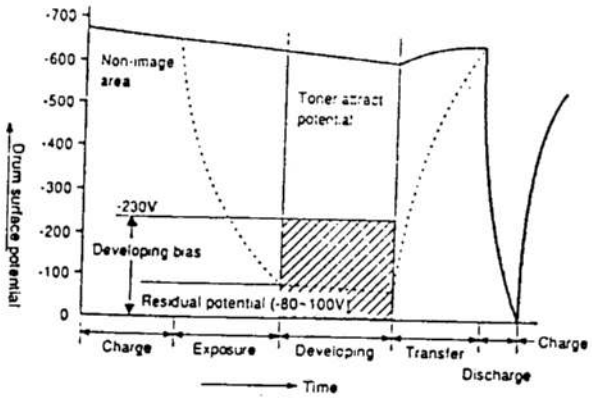
Step-3: Exposure (copy lamp, SELFOC lens)
Light from the copy lamp, reflected from the original, is projected onto the drum surface through the SELFOC lens. The resistance of the OPC layer decreases for an area exposed by the light (corresponding to the light area of the original). The light neutralizes the negative charge. The dark areas of the original do not reflect the light and an electrostatic latent image is formed on the drum surface.



Step-4: Developing (–230V DC bias)
The electrostatic latent image in the drum surface is converted into a visible image by the toner. A bias potential of –230V is applied to the carrier (MG roller) in this two component magnetic brush developing method, and the toner is charged positive through friction with the carrier.

○ : Carrier (magnetized particle)
● : Toner (charge positive by friction)
(N) (S) : Permanent magnet
(provided in five locations)



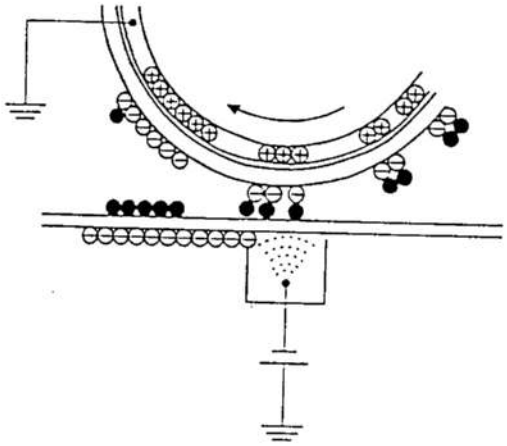


Toner is not attracted to the non-image areas on the drum because of the developing bias. Thus, if the developing bias were to fail, the residual charge would attract the toner so that a background would appear in the non-image areas of the copy.

Step-5: Transfer

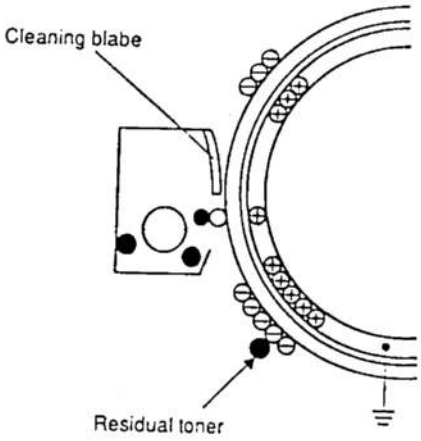
The visible image on the drum surface is transferred onto the copy paper by applying a negative charge from the transfer corona to the back of the copy paper.

As the transfer effect is 70 to 80%, 20 to 30% of the image remains on the drum (residual toner) even after the transfer.



Step-6: Cleaning

Toner remaining on the drum is collected by the cleaner blade and stored in the toner collecting container.

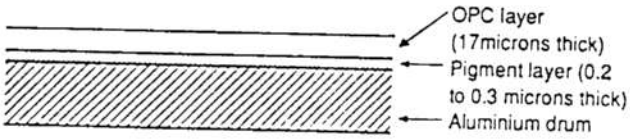


Step-7: Discharge
(same as Step-1)

Step-8: the transferred image is fixed permanently on the copy paper by the action of the fuser unit through a combination of heat and pressure, the toner is fused into the copy paper.

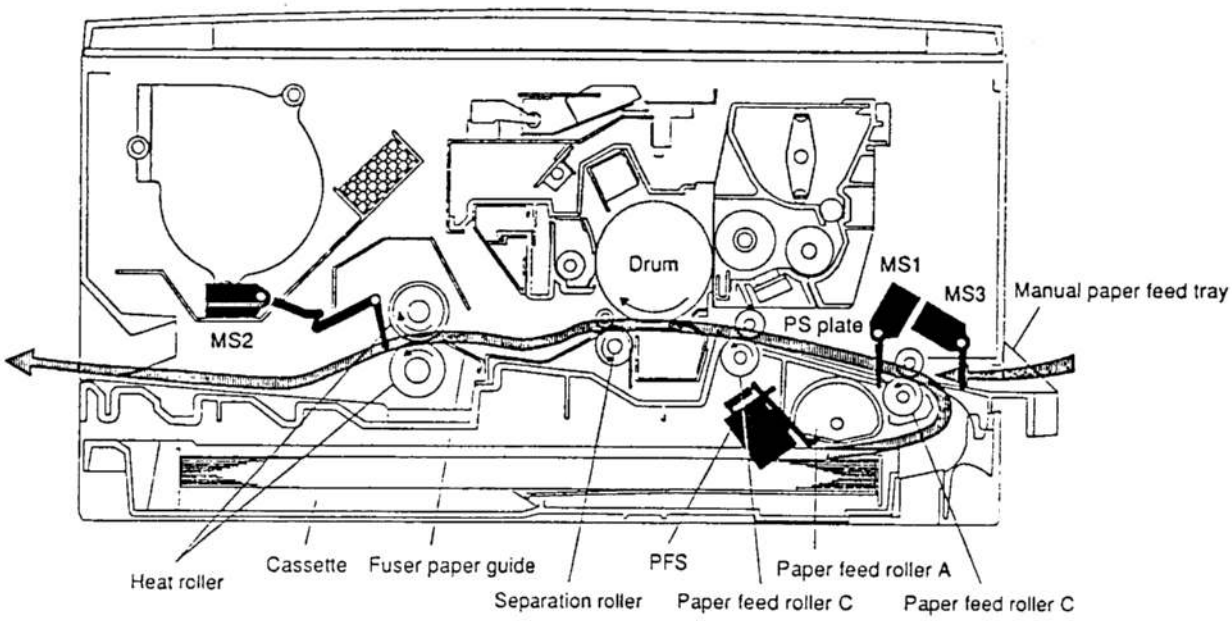
4. Photoconductor

An OPC drum is used for the photoconductor.
(Structure of the OPC drum layers)



MC-Service

Paper transport route and operational description



neral Description:

ɔy paper is introduced into the copier in one of two ways, from the ıply of paper in the cassette or manually through the by-pass. The sette holds approximately 100 sheets of copy paper.

ɜ cassette supplied with the copier may be loaded with either 81/2 1" (A4) or 51/2 x 81/2" (A5) copy paper. The Separator Tabs in the sette ensure that only one sheet is fed at a time.

ɜ copy paper is fed out of the cassette by the Paper Feed Roller A. ɜse roller make one rotation for each sheet of paper. The rotation he feed rollers is controlled by the Paper Feed Clutch (a Spring tch) and Paper Feed Solenoid. When the Print Button is ressed, the Main PWB energizes the Paper Feed Solenoid (PFS). en the solenoid arm retracts, it releases the spring clutch and ws the Paper Feed roller A to make one(1) rotation. The rotating ıer Feed Rollers pick up the top sheet of copy paper and start the er moving into the copier.

copy paper is transported to paper feed roller B and trips the er entry sensor MS1. Paper feed roller B continues to rotate until lead edge of the copy paper contacts the paper stopper plate. the sensor block (located on the original table) lifts the paper stopper e and allows the copy paper to continue through the paper guide aper feed roller C. The copy paper passes between the transfer ɔna and the drum and the image is transferred to the copy paper.

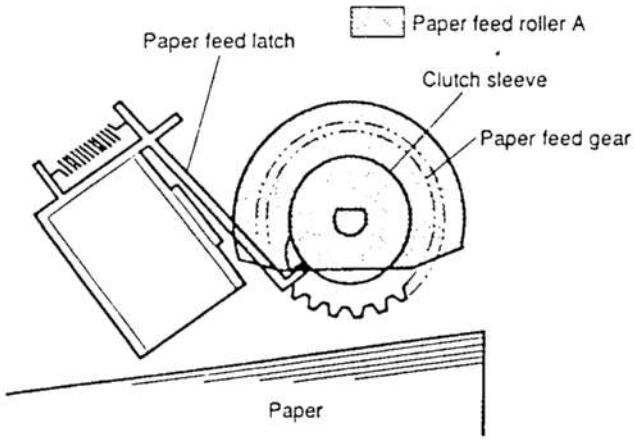
remover tape strips the copy paper from the drum and the aration roller transports it to the fuser rollers. The fuser rollers sport the copy paper, actuating the exit sensor MS-2, to the exit

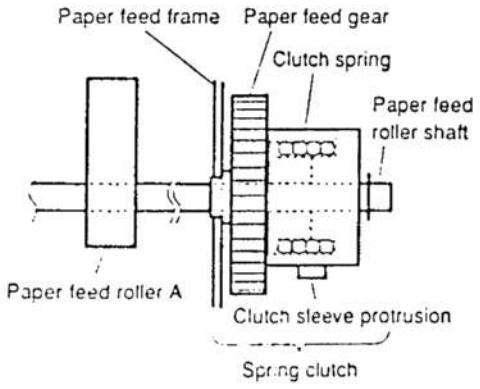
ng manual feed the inserted paper actuates the manual feed er entry sensor MS-3 and the main motor turns ON. The paper is ı transported by paper feed roller B until the lead edge contacts PS plate. The rest of the paper transport operation is the same as ɔribed for the cassette feed. There is no need to push the print ch during the manual feed operation.

following discusses the cassette feed and manual feed opera-

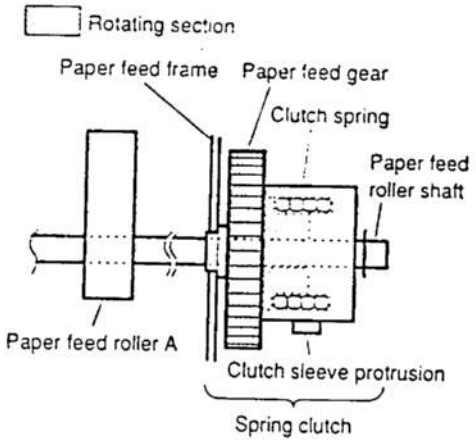
A. Operation during cassette feed

① The illustration below shows the relationship between paper feed roller A, paper feed clutch sleeve, and the paper feed latch locations when the copier is at an initial state before the PRINT key is pressed and after the READY lamp is ON.
(The paper feed latch is in contact with the clutch sleeve protrusion.)

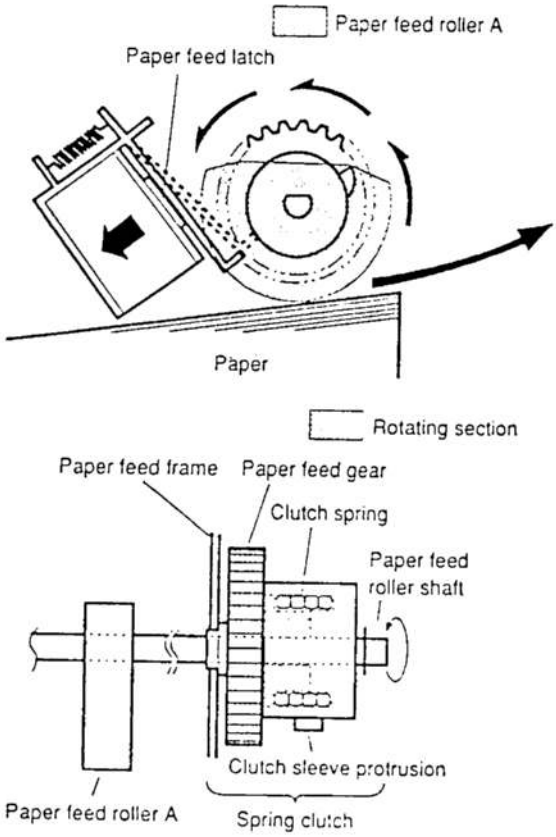




② At the moment the PRINT key is pressed, the drive motor starts to turn the drive gears. The paper feed gear also starts to be driven, but the rotation of the gear is not conveyed to the paper feed roller shaft and the paper feed roller does not rotate because the paper feed latch is holding the clutch sleeve protrusion.

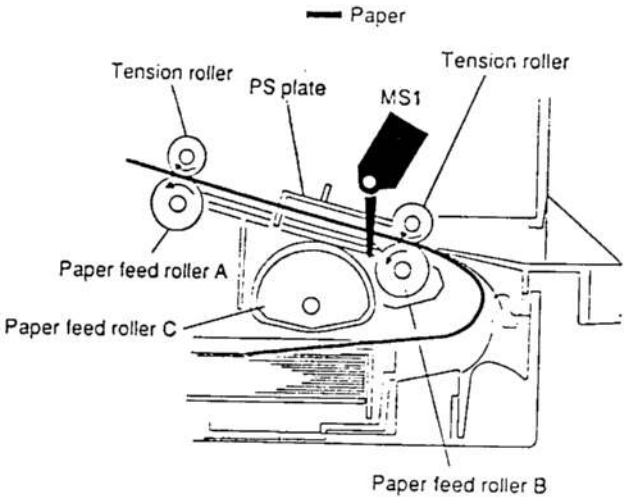


③ 0.9 seconds after the start of the main motor, the paper feed solenoid (PFS) actuates momentarily so that the paper feed latch disengages from the clutch sleeve protrusion. Now, the rotation of the paper feed gear is conveyed to the paper feed roller shaft so that paper feed roller A starts rotating to feed the paper.

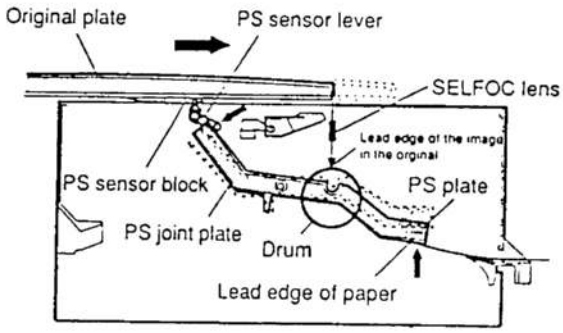


④ After paper feed roller A makes one full turn, the clutch sleeve protrusion is again caught by the paper feed latch so that paper feed roller A stops rotating.

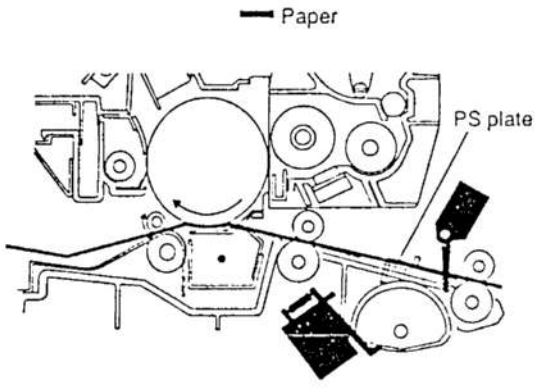
⑤ Meanwhile, the paper fed into the machine is transported to paper feed roller B and the paper entry sensor (MS1). There, the paper is held temporarily by means of the PS plate, in order synchronize with the lead edge of the image on the drum. S paper feed roller B is continues to rotate, the paper will be evenly pressed against the PS plate to correct for any paper feed skew.



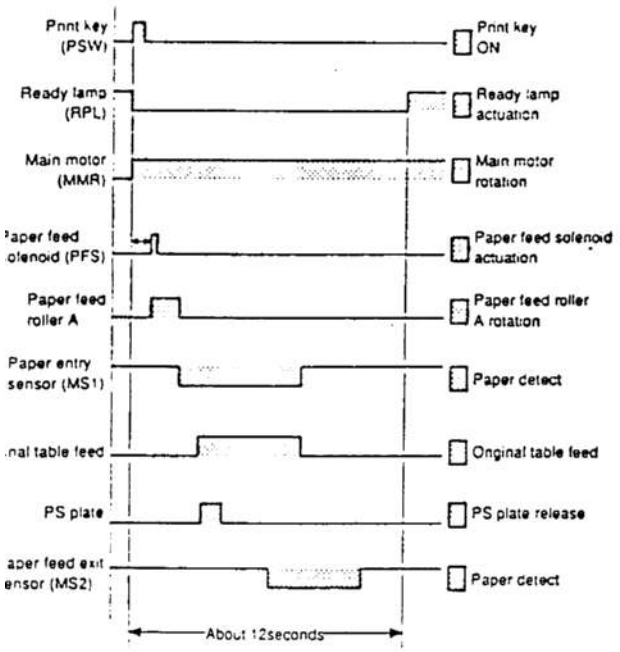
⑥ As the original table starts to move, the PS plate is mechanically raised by the PS sensor lever to allow the paper to continue to the transfer area.



⑦ After the PS plate has been released, the paper is transferred to the transfer unit via paper feed roller C. the paper is separatr from the drum by the remover tape and the separation roller.

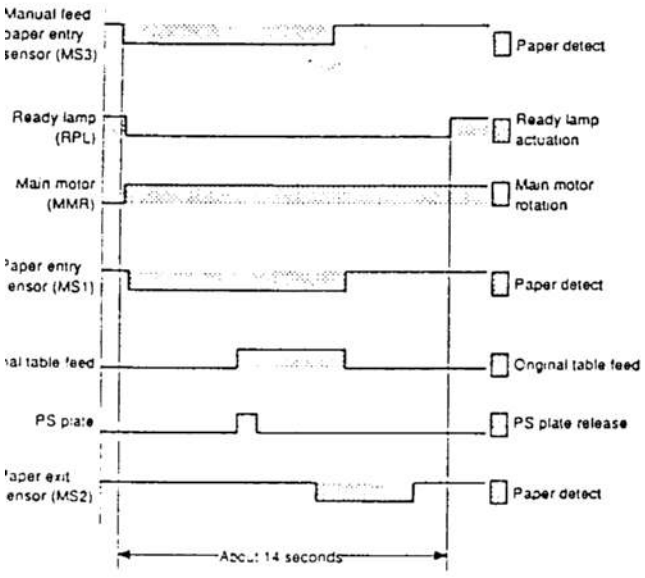


The paper separated from the drum is transported to the exit tray through the fuser paper guide, fuser heat roller, and the paper exit sensor (MS2)
ıe following shows the timing chart for the above operation.



Operation during manual feed

When paper is inserted in the manual paper feed tray, MS3 is actuated and the main motor starts to turn the drive gears.
The paper inserted is then taken up by paper feed roller B and is transported until its lead edge comes in contact with the PS plate.
The rest of the copy paper operation is identical to the cassette feed operation described in: (A-⑤ – ⑧)
e following shows the timing chart for the above operation



C. condition to establish a paper misfeed

① At power on
If MS1 or MS2 is on at power on.

② Manual paper feed
If the MS1 were to fail to actuate within 3 seconds after the actuation of the MS3.

③ In the course of copying
a. If the paper lead edge does not actuate MS2 within 2.3 seconds from the first actuation of MS5 after the table started to advance.
b. If MS2 is still actuated in 1.4 seconds after the discharge lamp turned off at the last copy in the single copy or multicopy mode.
c. If MS1 is not actuated at the timing that the PFS turns on, during cassette paper feed.

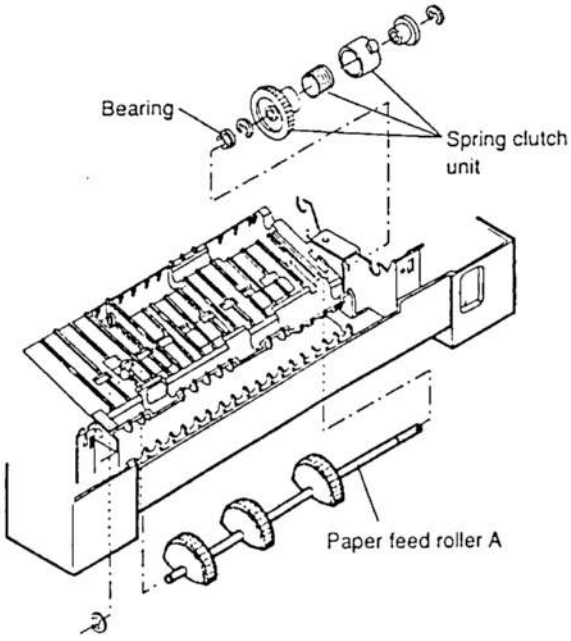
2. Major component removal

A. Paper feed rollers, A, B, C

① Remove the transfer corona unit from the paper feed section. (Refer to [10]-2.)

※ This is to prevent the corona wire from being cut during operation.

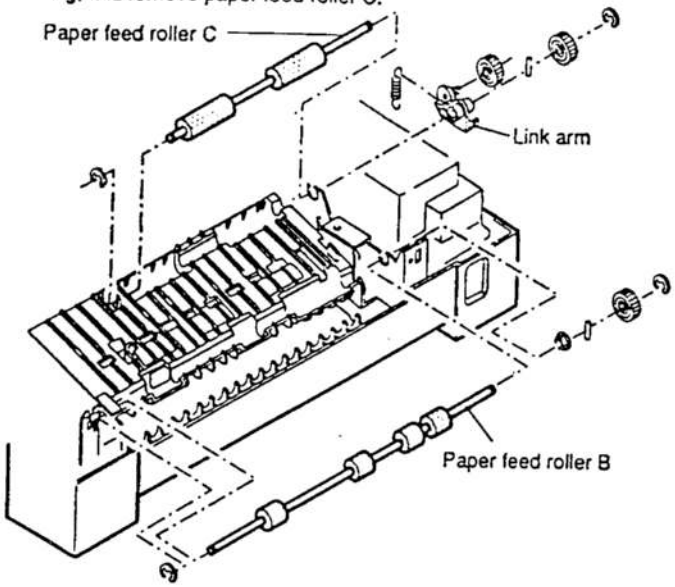
② Remove the E-ring, the spring clutch unit, and the bearing, and remove paper feed roller A.
(When assembling paper feed roller A, adjustments must be performed referring to [7]-3A.)



MC-Service

③ Remove the E-ring and the bearing, and remove paper feed roller B.

④ Remove the E-ring, the gear, the pin, the link arm, and the bearing, and remove paper feed roller C.

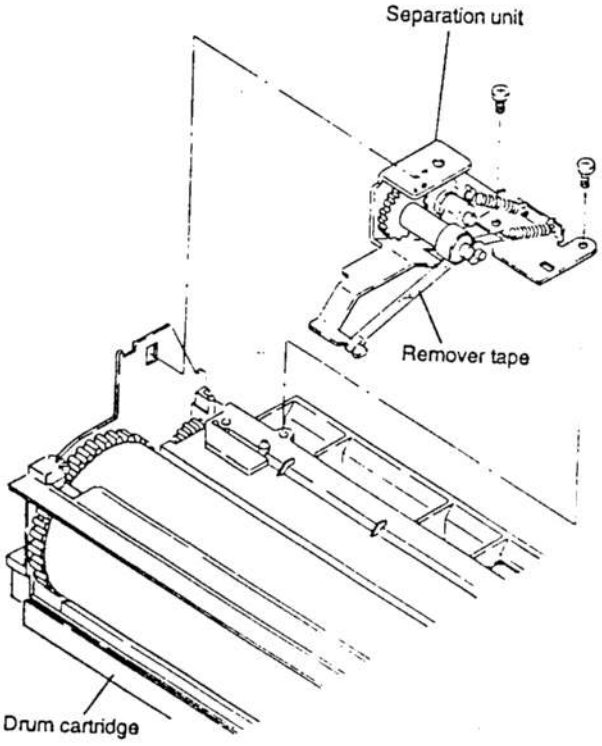


B. Remover tape

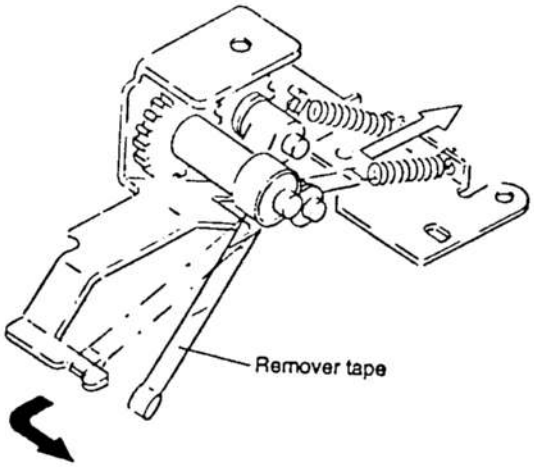
① Open the upper frame, then remove the TD cartridge and the drum cartridge.

② Remove the separation unit from the drum cartridge.

CAUTION: Do not expose the drum cartridge to direct sunlight.

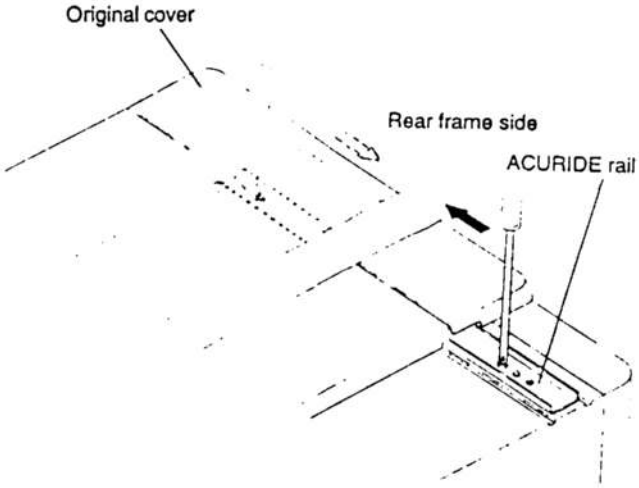


③ Remove the remover tape from the separation unit.

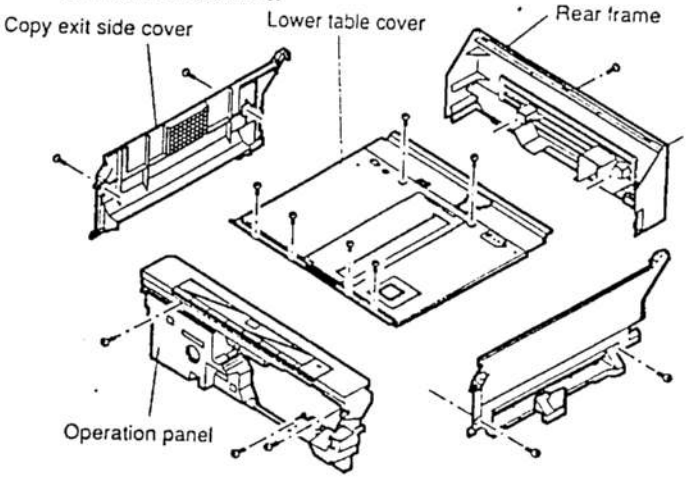


C. Removal of the MS2

① Remove the ACCURIDE fixing screws (2 screws) and remove the table unit.



② Remove the covers.



③ Disconnect the following 4 connectors: main PWB 34 pin connector, high voltage PWB 5 pin connector, the FASTON connector and the high voltage PWB 3 pin connector.

④ Remove the 2 screws holding the PWB box assembly in place.

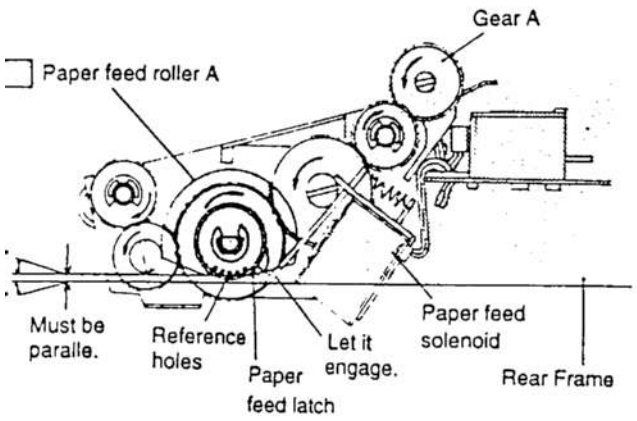
⑤ Remove the 3 screws holding the main motor in place.

I. Adjustments

ı. Paper feed roller A location (angle)

Check procedure)

) Turn gear in the arrow direction unitil the clutch sleeve protrusion comes into contact with the paper feed latch.
Make sure that the lower side of paper feed roller A is parallel to the lower side of the paper feed frame. The tolerance is 0±5°.

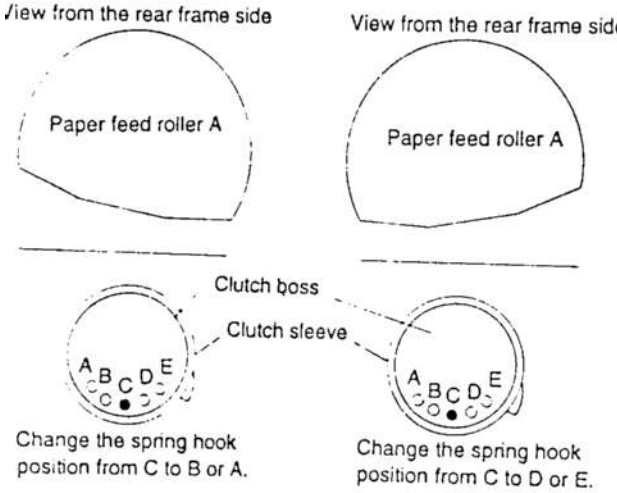


(View of the paper feed unit from the rear frame side)

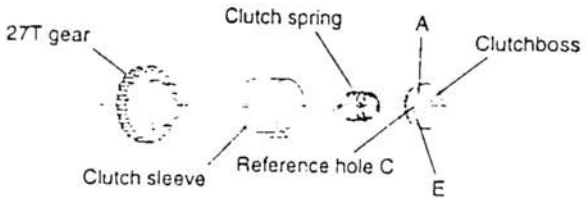
djustment procedure)

Check the angle of paper feed roller A.

Change the hook position of the clutch spring according to the degree of angular deviation.


View from the rear frame side
Paper feed roller A
View from the rear frame side
Paper feed roller A
Clutch boss
Clutch sleeve
A B C D E
A B C D E
Change the spring hook position from C to B or A.
Change the spring hook position from C to D or E.

a Remove the spring clutch assy ([7]-2-A).
b Disassemble the spring clutch assy and change the hook position of the spring.



When reassembling the clutch, lube the clutch spring with grease (JKOG-0062FCZZ).

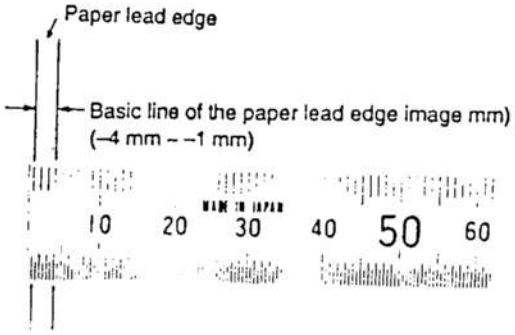
B. Copy lead edge image location

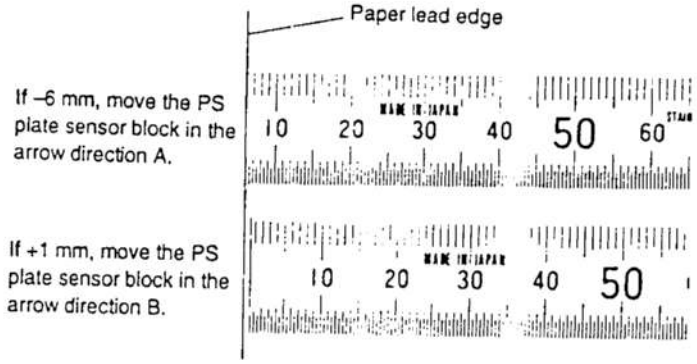
Adjustment is required if the lead edge image is not within –1 to –4mm.

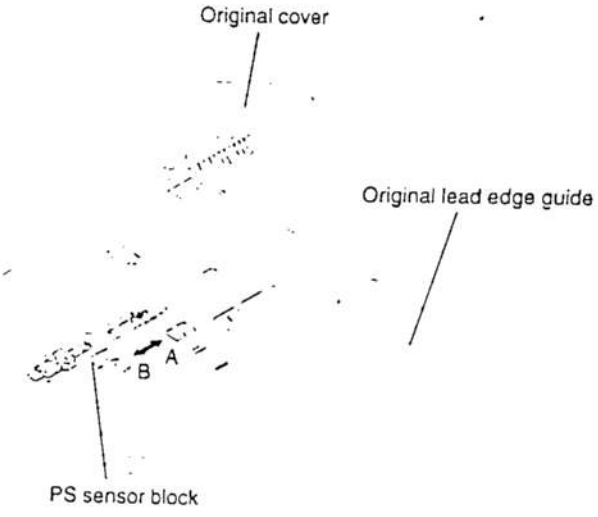
(Adjustment procedure)

① Check the lead edge image location.
Place a scale against the original lead edge guide and make a copy.

② If the image location is more than – 4mm, move the PS sensor block toward arrow direction A. If it is less than – 1 mm, move the block in arrow direction B.

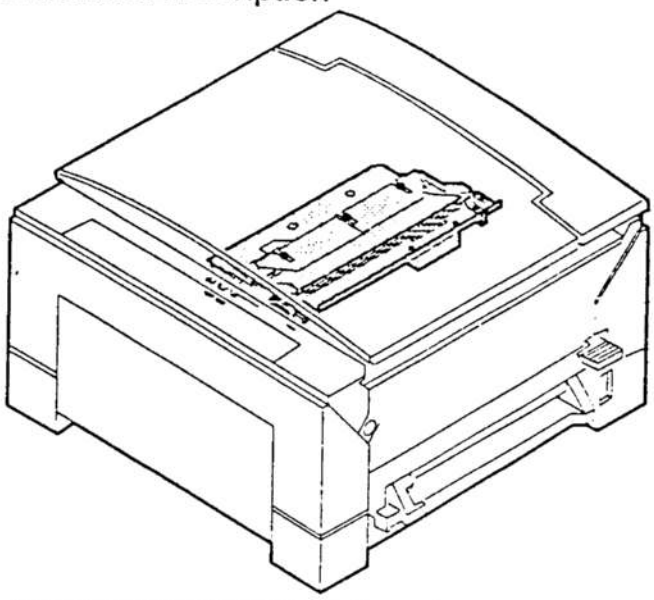



Paper lead edge
If –6 mm, move the PS plate sensor block in the arrow direction A.
If +1 mm, move the PS plate sensor block in the arrow direction B.
10 20 30 40 50 60
10 20 30 40 50



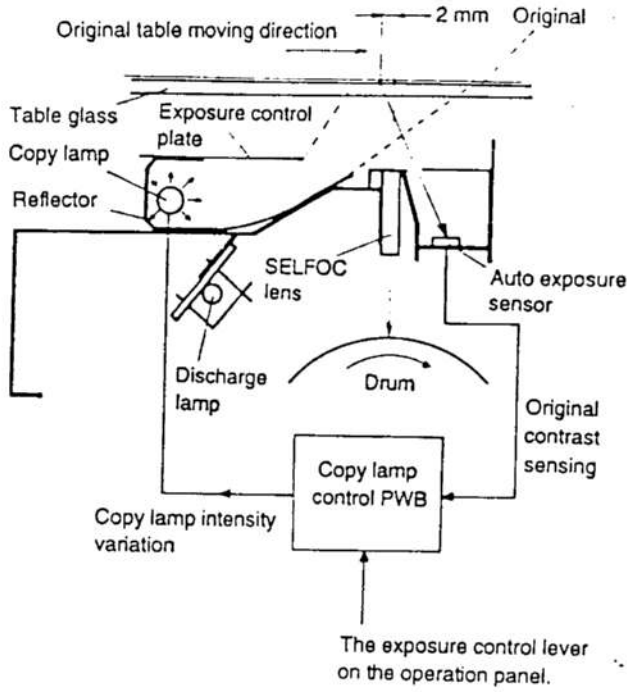
[8] OPTICAL SYSTEM

1. General description

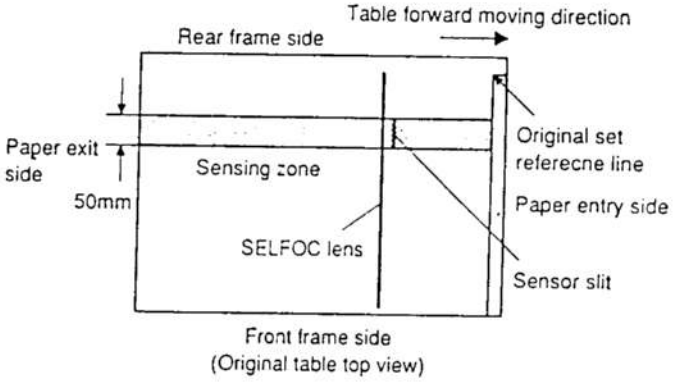


- Light from the copy lamp is directed by a reflector at the original. The optical system of the copier (fiber optics) directs the light reflected from the original and focuses the reflected image on the drum. The intensity of the copy lamp is regulated by the exposure control switch. A photo sensor in the optical system senses the contrast of the original, automatically adjusting the copy lamp intensity. The range of the exposure control is regulated by the copy lamp control PWB. A thermal fuse is mounted to the main reflector for overheat protection. The model is a moving platen copier. The original table moves the original over the stationary optical system. The table movement is accomplished through two clutches, the table feed clutch and the table return clutch. These are spring clutches controlled by the action of the table feed solenoid (TFS) and the table return solenoid (TRS).
  When the table is in motion an adjustable PS sensor block mounted on the table lifts the paper stopper plate which is used for registering the lead edge of the copy paper to the lead edge of the image on the drum.
- A SELFOC lens is used so that the copy lamp light (image) reaches the drum surface in a short distance.
- Moving table method is used for exposure.
- Exposure is controlled by varying the copy lamp voltage.
- A photosensor (diode) is used in the optical system for sensing contrast in the original. As the photosensor receives light reflected from the original, the contrast of the original is determined. the photosensor senses 2mm before the lens, to correct for any delay in the circuit or copy lamp.

General block diagram

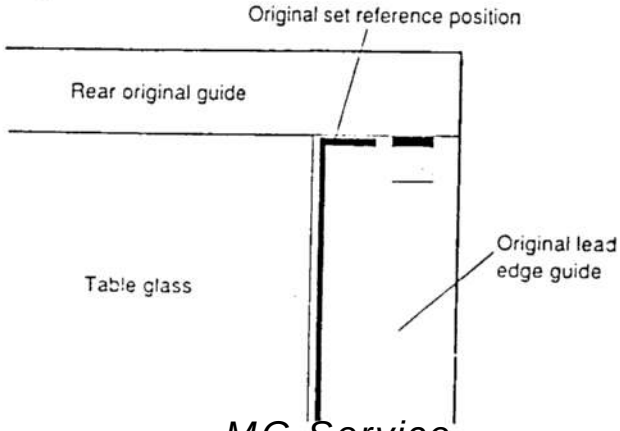


The sensor is installed in the center of the 50 mm slit so that the contrast of the original is sensed within this 50 mm area, (shaded area in the figure below).
For the original out of this area, the automatic exposure control function will not apply.



2. Original table

The original must be placed to the right side edge of the table on the rear frame side. An image loss appears in the shadowed area due to paper separation.



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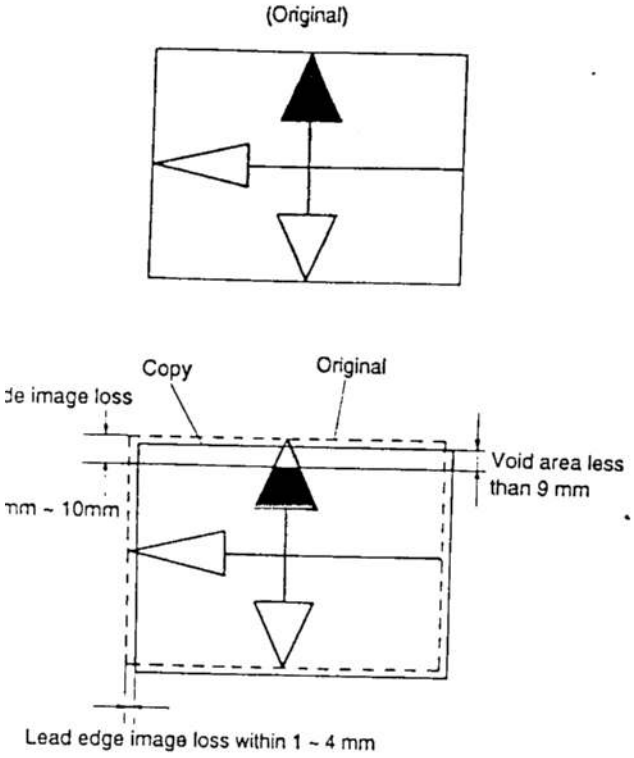
. Void area and image loss

) Void area
Make a copy with the original cover left open. The area of the paper copied white is the void area.

AUTION: Do not look at the exposure lamp while making a copy with the original cover open. This may injure your eyes.

Image loss
Indicates the area of image lost on the copy.

Void area and image loss limits

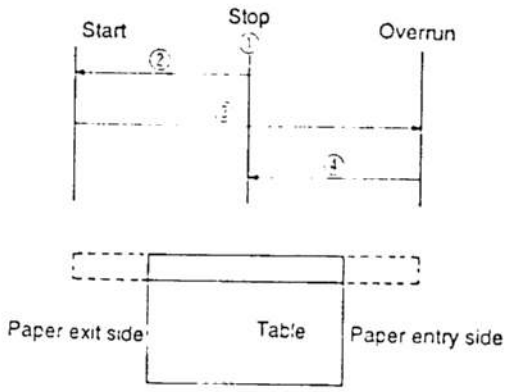


Void area	Lead edge	0mm
	Side	9 mm, max.
Image loss	Lead edge	1 – 4 mm
	Side	3 – 10 mm

Original table driving

original table is driven by the table drive gear train and the ction select solenoids. (TFS, TRS)

Table action



① The table stops in the middle.

② The table moves to the starting position (paper exit side).

③ The table moves towards the paper entry side while exposing the original.

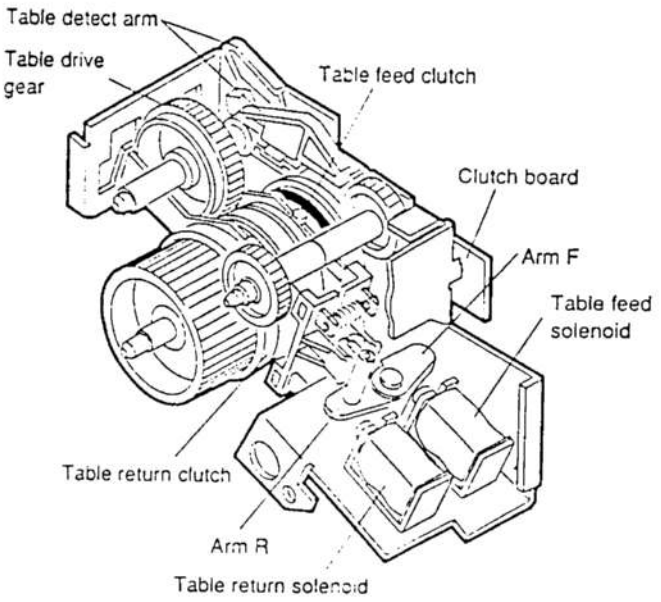
④ Begins to return from the overrun position and stops at the stop position.
In the multicopy mode, the table returns from the overrun position and moves to the start position again.

B. Construct of the table drive unit

(1) Structure of the drive train

The drive train consists of the following components and functional blocks.

- Main motor
- Reduction gear assy
- Table drive assy
- Toner supply clutch assy
- Clutch board

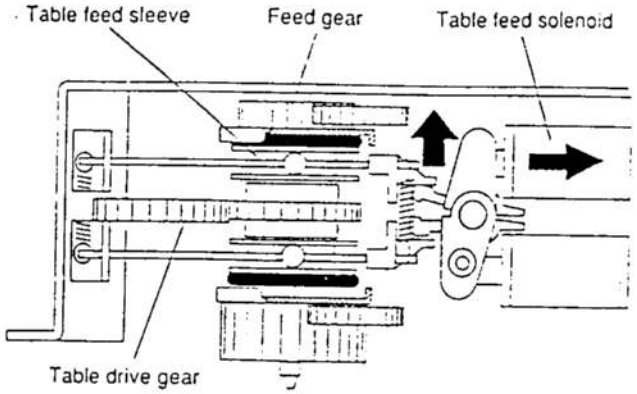


(2) Action

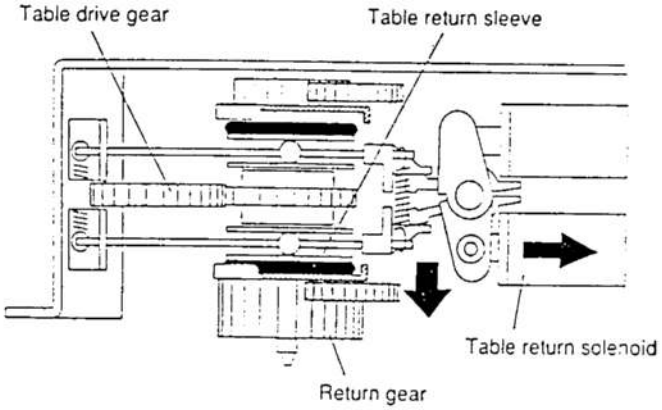
A. Table drive assy

(1) When the table is at rest:
The solenoids are not energized, the feed and return clutches are not engaged, and the rotation of the main motor is not conveyed to the table drive gear.

(2) When the table is moving forward (TFS-ON):
When the table feed solenoid is energized, the linkage presses the table feed sleeve against the feed gear. This engages the table drive gear with the feed gear which transmit rotation from the main motor to move the table forward.

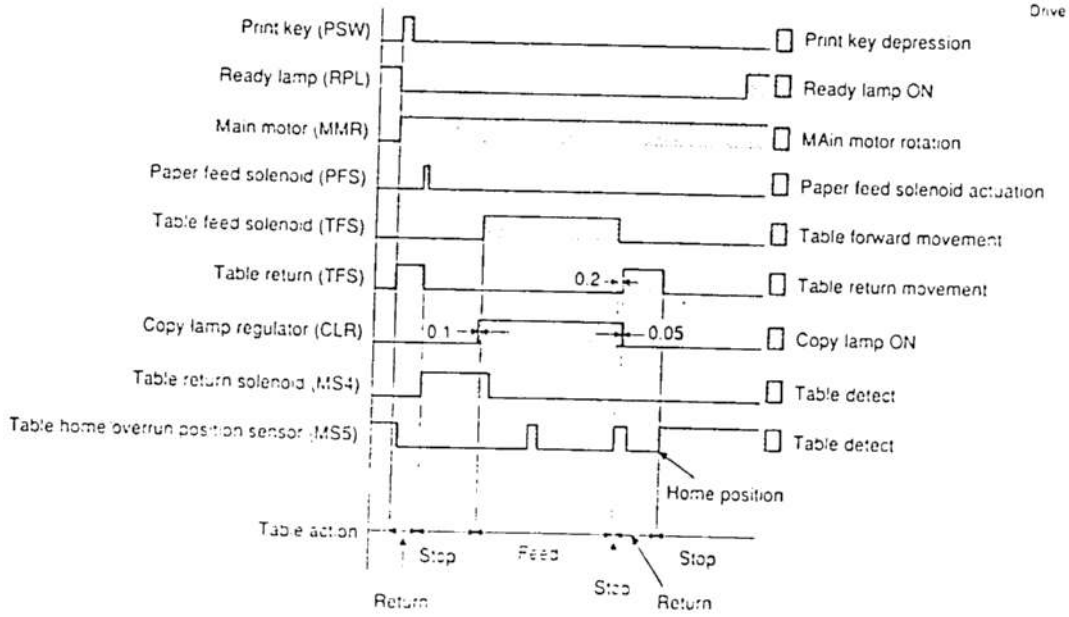


(3) When the table is returning (TRS-ON):
When the table return solenoid is energized, the linkage presses the table return sleeve against the return gear. This engages the table drive gear with the return gear which transmits rotation from the main motor to move the table in the reverse direction.



5. Optical system operation

A. Time chart (single copy from cassette)

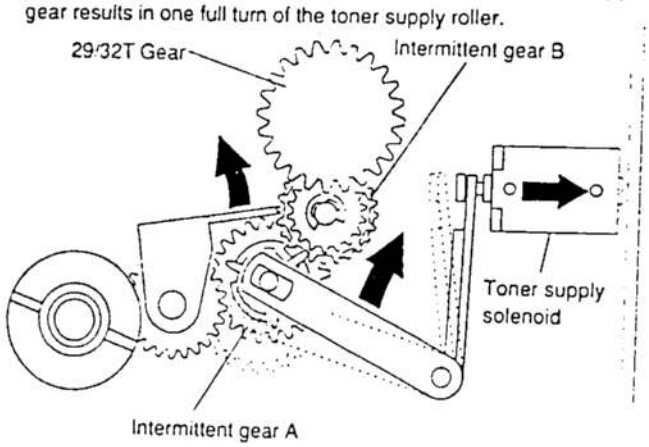


NOTE: If a problem occurs in the table drive system, the "L" status code will be displayed in the multicopy window.

B. Toner supply clutch

(1) When a low toner condition is detected by the TCS, the toner supply solenoid is energized which engages the intermittent g A with the intermittent gear B.

(2) One rotation of the intermittent gear A turns the intermittent gear B by four tooth. $4\frac{4}{5}$ rotations of the intermittent gear A causes the intermittent gear B to make one full turn. One full turn of 29/32T gear results in one full turn of the toner supply roller.

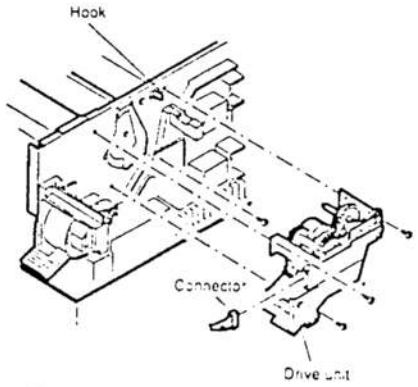


3. Removing the major components

A. Removing the drive train

(1) Remove the table unit and the upper and lower rear covers.

(2) Unfasten the connectors on the clutch board, and remove the screws that secure the drive train.

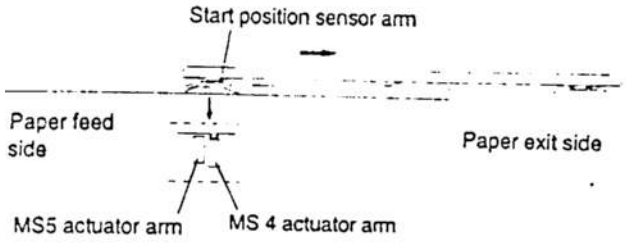


B. Timing explanation

① With the depression of the PRINT key, the main motor starts to rotate. At the same time, the TRS (Table Return Solenoid) is energized to move the table to the start position (paper exit side).

② When the table is sensed by MS4, the table stops (start position).

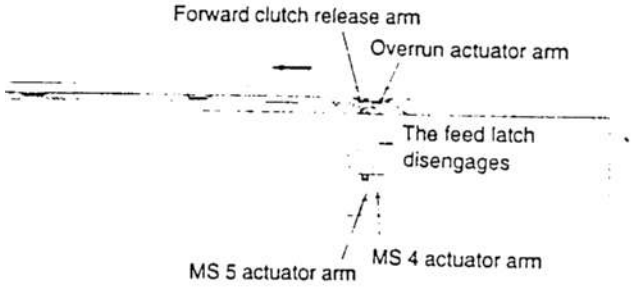
Start position)



③ Immediately after the copy lamp is turned ON (0.1 second), the TFS (Table Feed Solenoid) is energized. Then, the table starts moving forward and exposure is started for the original.

④ Although MS5 actuates while the table is being advanced, it continues to advance. At the second actuation of MS5, the table stops on the table overrun position (End of paper feed side).

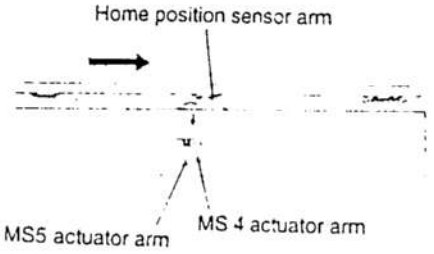
Overrun position)



⑤ 0.2 second after the table stops, the TRS energizes so that the table starts to return with the copy lamp extinguished at the same moment.

⑥ When MS5 is actuated during table return motion, the table stops (table home position).

Home position)

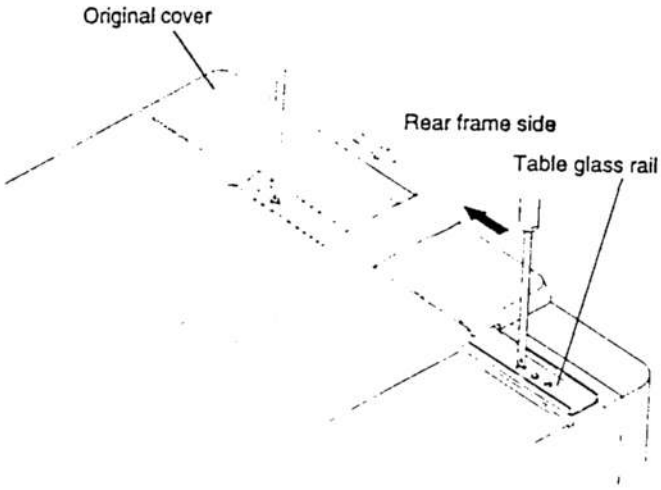


6. Major component removal

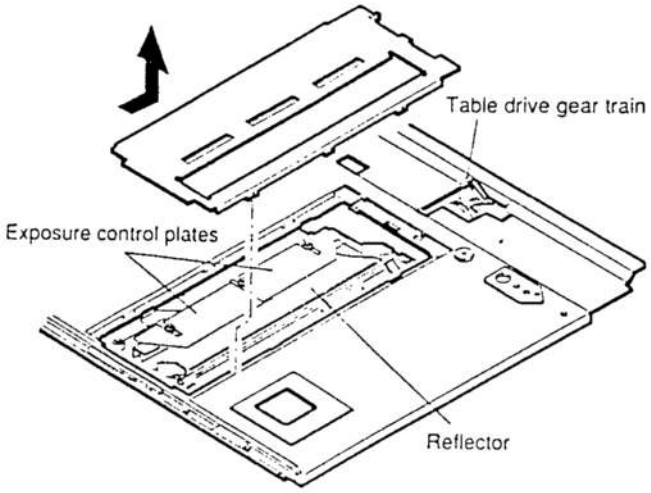
A. Copy lamp, thermal fuse

① Disconnect the copier from the wall outlet.

② Remove the two screws that secure the table glass rail, as shown in the figure. Move the table glass in the direction of the arrows to expose the rail mounting screws.



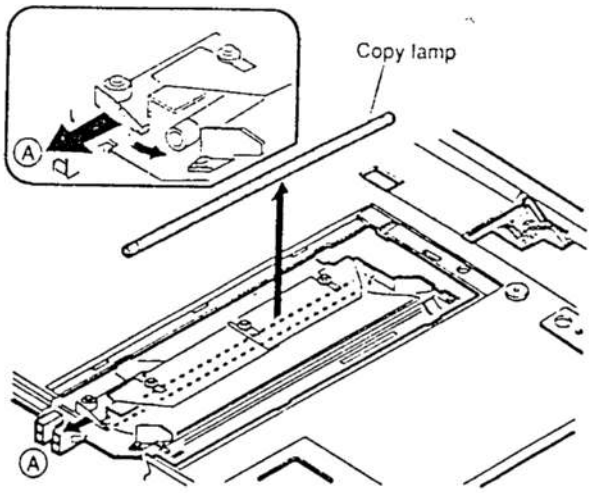
③ Remove the optical unit upper cover.
Slide the cover to the rear frame side to remove.



④ Pull the copy lamp electrode on the front frame side in arrow direction A to disengage the lamp from the electrode. Next remove the copy lamp through the clearance between the exposure control plate and the reflector.

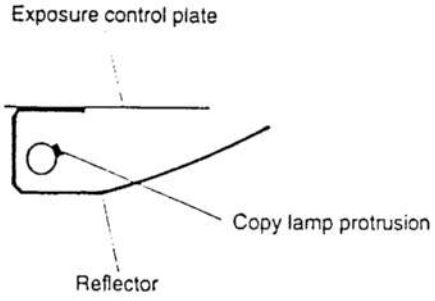
NOTE: Change in the exposure control plate location may vary the exposure balance. Check and adjustments of the exposure balance, therefore, are required. (Refer to [8]-7-A.)

MC-Service

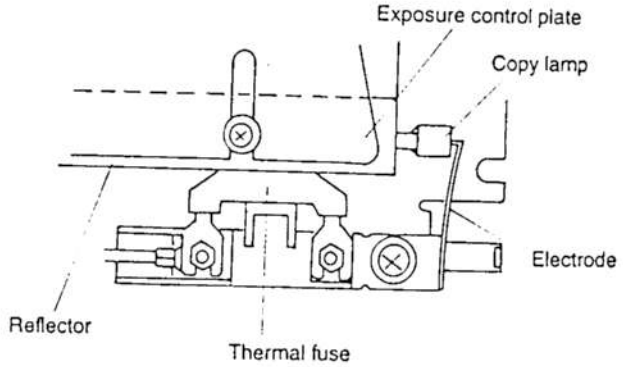


(Installation precautions)

a. Copy lamp
Install the copy lamp so that the protrusion on the lamp points away from the reflector.



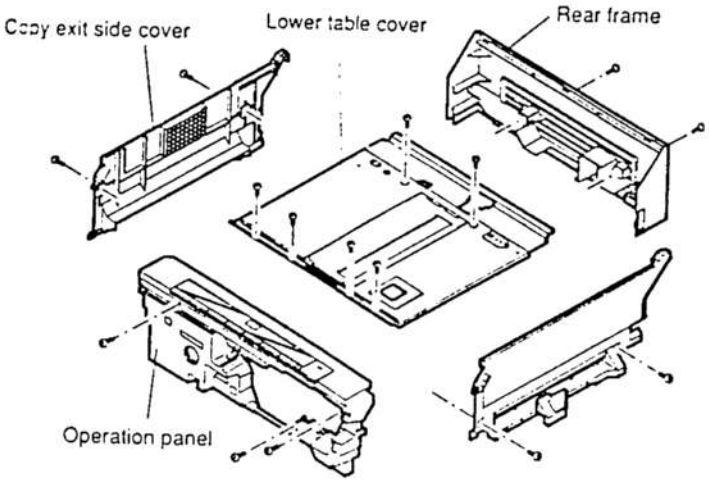
b. Thermal fuse
Install the thermal fuse so that it is in contact with the reflector.



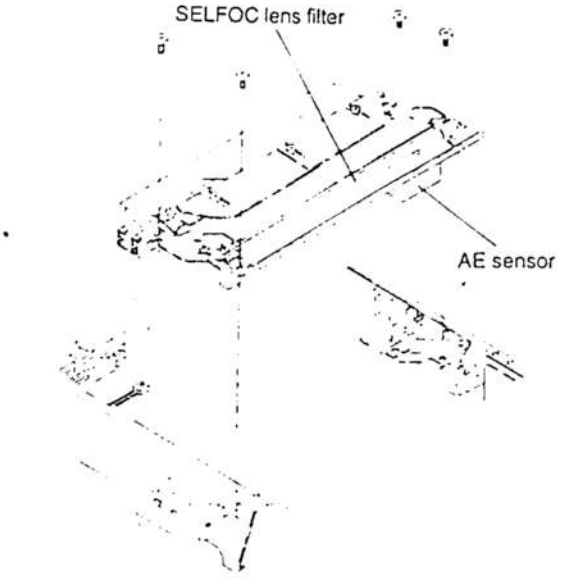
B. Optical unit

① Remove the original table (6-A-①).

② Remove the external panels (operation panel, rear frame s paper entry side, paper exit side, and under the table). (For details, refer to [10]-1.)



③ Disconnect the connections at three locations and remove the four screws that hold the optical unit, then remove the optical unit.



NOTE 1: The lens filter must be cleaned with a soft cloth dampened with water. Never use alcohol.

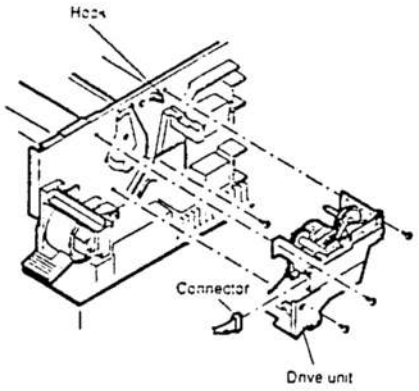
NOTE 2: Use only alcohol to clean the SELFOC lens.

6. Table drive unit

① Remove the table glass assembly and the rear panel. (Refer to [8]-6-A and [10]-1.)

② Remove the two screws that hold the PWB-box unit.

③ Remove the three screws that hold the table drive unit, disconnect one connector, and one hook.



7. Adjustments and precautions

1. Exposure control plate (exposure balance adjustment)

When an uneven exposure occurs between the front and rear frame sides, move the location of the exposure control plates to adjust it. Before the adjustment it is mandatory to check the following to be normal.

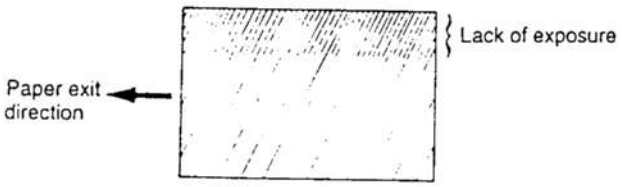
Corona wires

TD cartridge

Cleanliness of the optical system

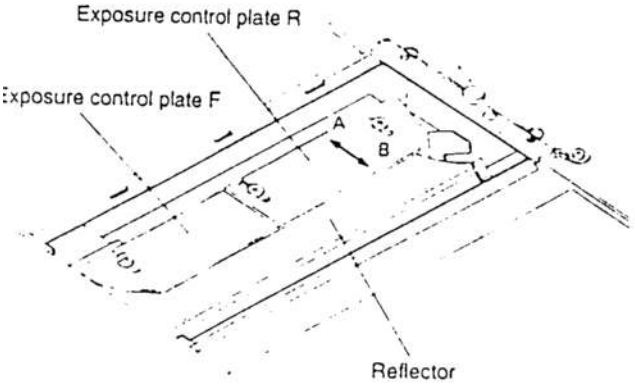
① Make a half-tone copy and check the exposure balance.

Example)



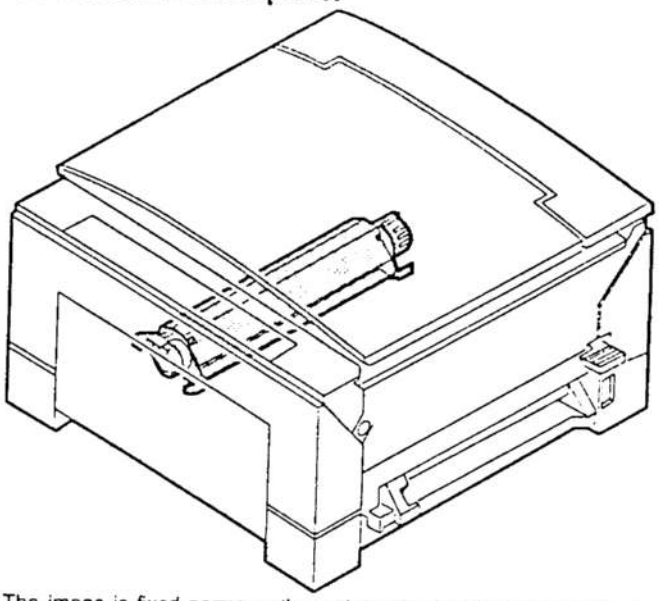
Half-tone copy

② If the copy appears as the above example, move exposure control plate R in arrow direction A to balance the exposure.



Moving the exposure control plate in arrow direction B causes the exposure control plate in arrow direction B causes the exposure to decrease so that the copy is darker.

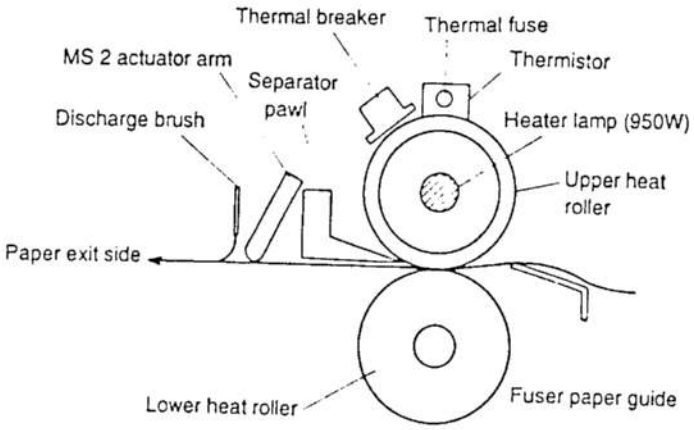
1. General description

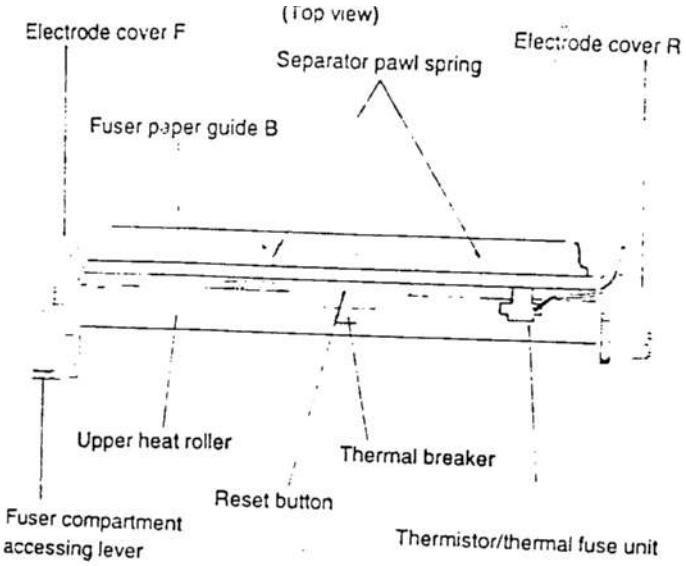


The image is fixed permanently on the copy paper by the action of the fuser. Through a combination of heat and pressure, the image is fused into the copy paper. The Upper Heater Roller contains the heater Lamp, a 950 watt, Halogen Lamp. The temperature of the Heater roller is detected by the Thermistor, which relays this information to the Main PWB. When the temperature is low, the Main PWB energizes the Heater Lamp through a solid state switch called a Triac. The Heater Lamp stays on until the proper temperature is reached.

The heater is protected from overheating by a thermal breaker and a thermal fuse. The thermal breaker is manually resettable. If either the breaker or the fuse opens voltage to the heater lamp is interrupted, an "H" will appear on the display panel and the copier will stop operation.

General block diagram (cross section)





A. Heat roller

A teflon roller is used for the upper heat roller and a silicone rubber roller is used for the lower heat roller for better toner fusing performance and paper separation.

Simple raising of the fuser compartment accessing lever separat the upper heat roller from the lower heat roller for easier misfed paper removal.

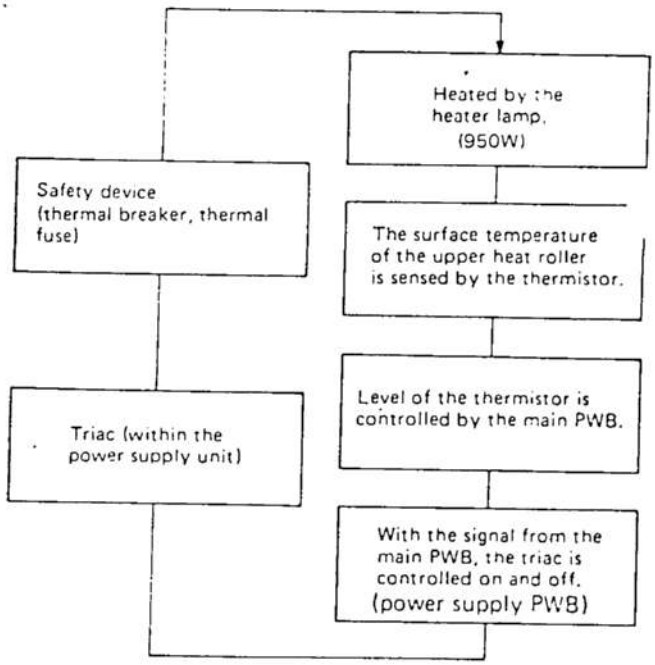
B. Separator pawl

Two separator pawls are used on the upper heat roller. The separator pawl is teflon coated to reduce friction with the roller and prevent a smear on the paper caused by the separator pawl.

C. Thermal control

① The heater lamp, thermistor, main PWB, DC power supply PWB, and triac within the power supply unit are used to control the temperature in the fuser unit.

To prevent abnormally high temperature in the fuser unit, a thermal breaker and thermal fuse are used for safety purposes.


Heated by the heater lamp. (950W)
Safety device (thermal breaker, thermal fuse)
The surface temperature of the upper heat roller is sensed by the thermistor.
Level of the thermistor is controlled by the main PWB.
Triac (within the power supply unit)
With the signal from the main PWB, the triac is controlled on and off. (power supply PWB)

Σ The surface temperature of the upper heat roller is set to 170°C. The surface temperature during the power save mode is set to 100°C.

MC-Service

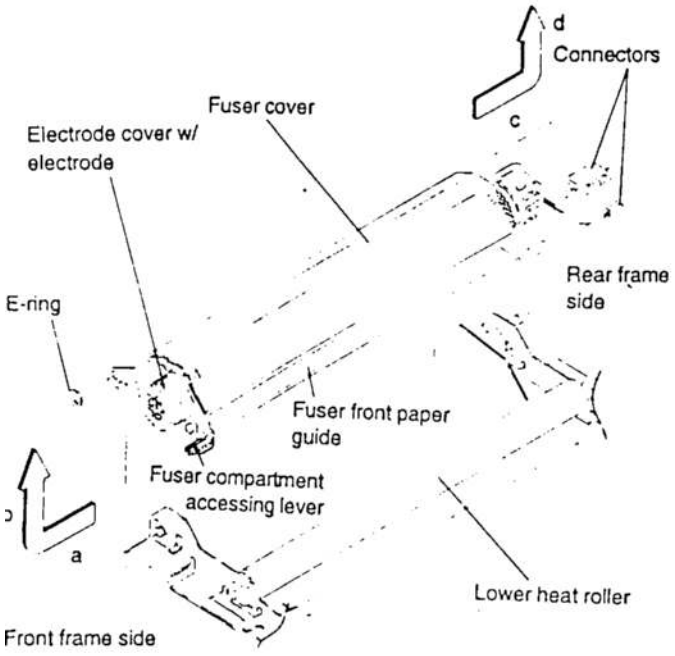
③ The self-check function comes active when one of the following malfunctions occurs, and an "H" is displayed on the multicopy window.
   a. When the heat roller surface temperature rises above 240°C.
   b. When the heat roller surface temperature drops below 100°C during the copy cycle.
   c. Open thermistor
   d. Open thermal fuse
   e. Open thermal breaker contacts (※)
   (※) When the thermal breaker contacts are open, they have to be reset using the reset button on the thermal breaker. It does not reset automatically.

2. Major component removal

A. Upper heat roller

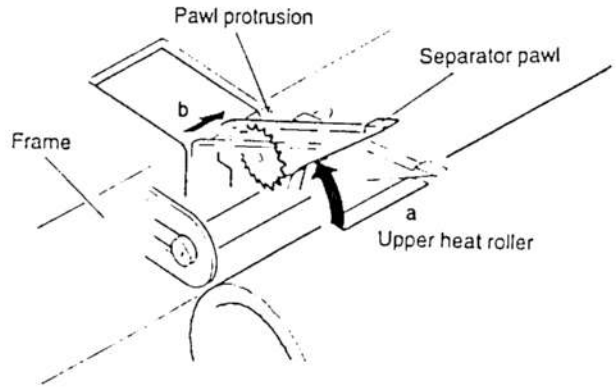
① Open the upper frame.

② Remove the E-ring and disconnect the two connectors. Remove the boss on the front frame, then the one on the rear frame side (arrow marks a thru d).

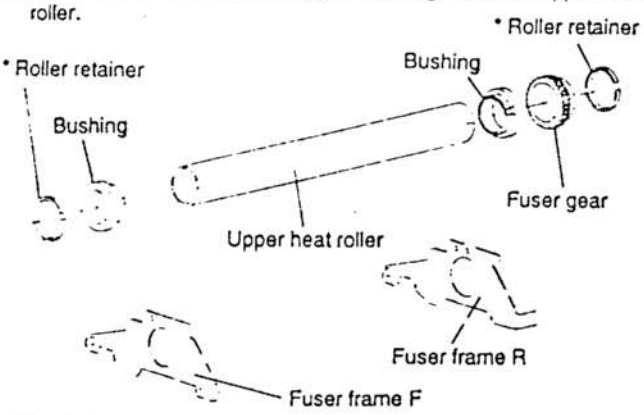


③ Remove the fuser cover, electrode covers F and R, and the heater lamp.

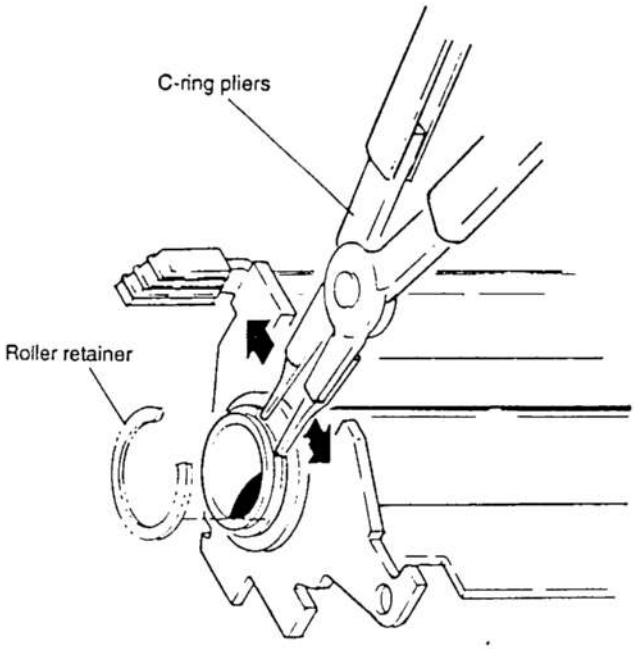
④ To remove the separator pawl from the upper heat roller, hook the protrusion of the separator pawl on the frame, arrow a and b.



⑤ Remove the roller retainer, gear, bushing, and the upper heat roller.

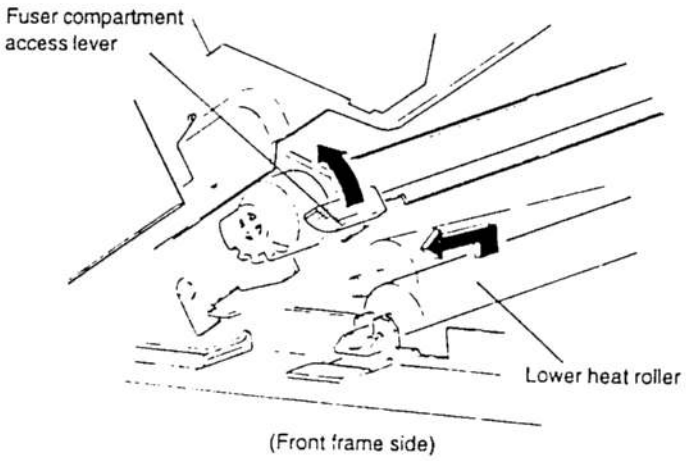


※ Use C-ring pliers to remove the roller retainer.



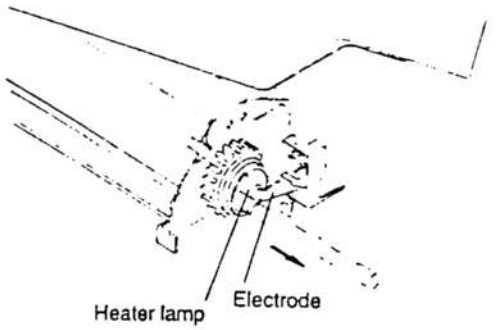
B. Lower heat roller

① Open the upper frame and lift up the fuser compartment access lever. Lift the lower heat roller up to remove it.



C. Heater lamp

① Remove the heater lamp from the electrode, then carefully slide out the lamp.



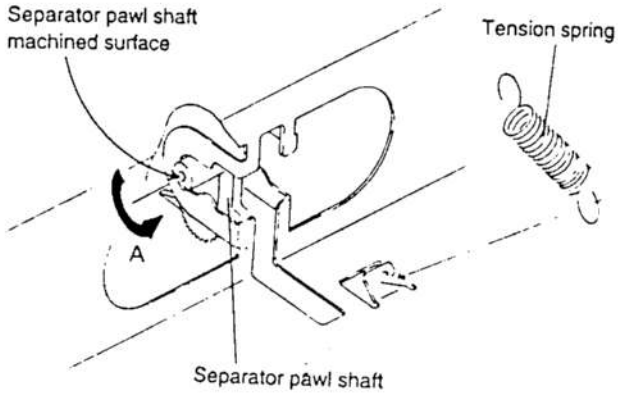
(Rear frame side)

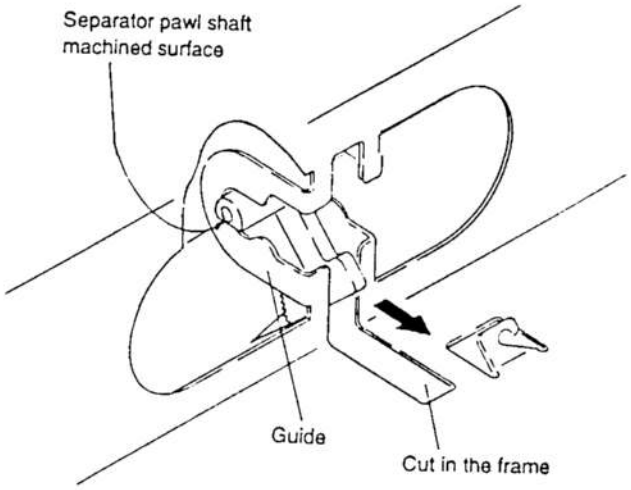
D. Separator pawl

① Remove the upper fuser unit.

② Remove the fuser cover.

③ Remove the tension spring. Rotate the pawl in direction A and match the machined surface of the separator pawl shaft to the guide, then remove it from the notch.



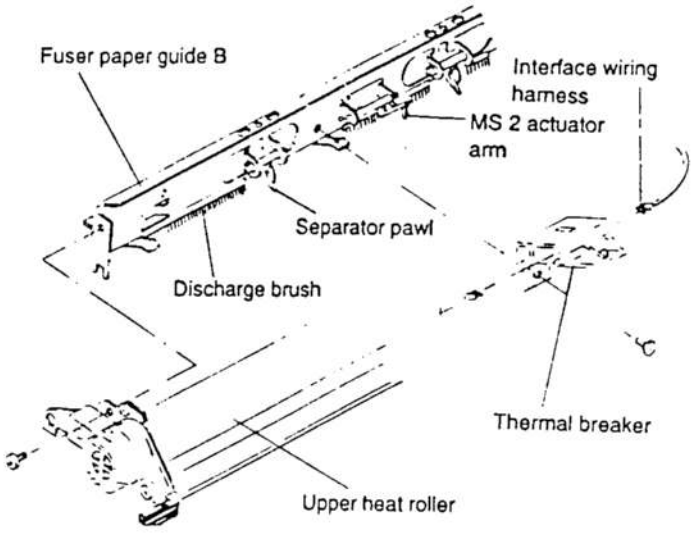


E. Thermal breaker, thermistor (thermal fuse) unit

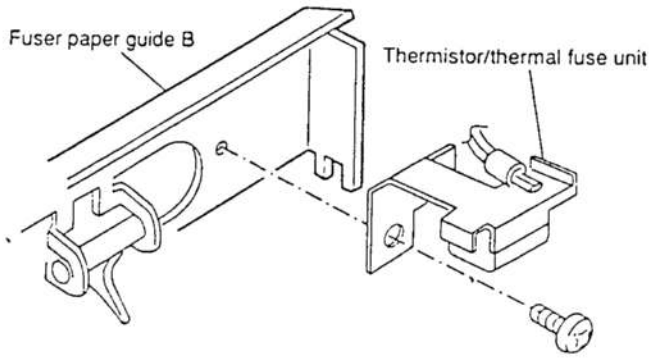
① Remove the upper fuser unit, and the fuser cover.

② Remove the fuser paper guide B.

③ Remove the screws and HL interface wiring harness then remove the thermal breaker.



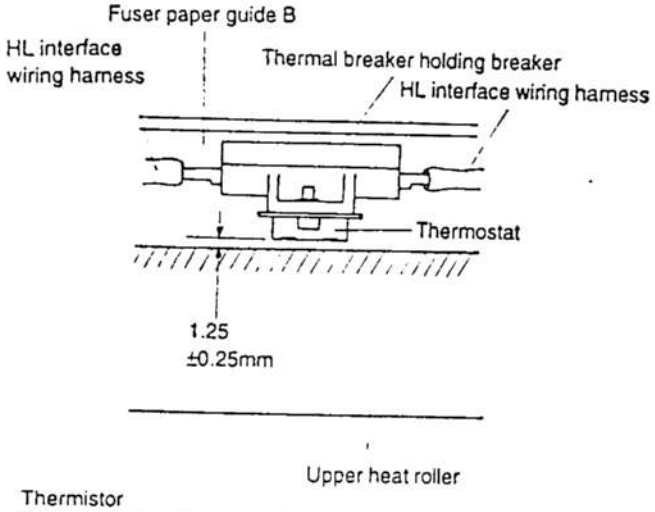
④ Remove the screw on the terminal board side and remove the thermistor/thermal fuse unit.



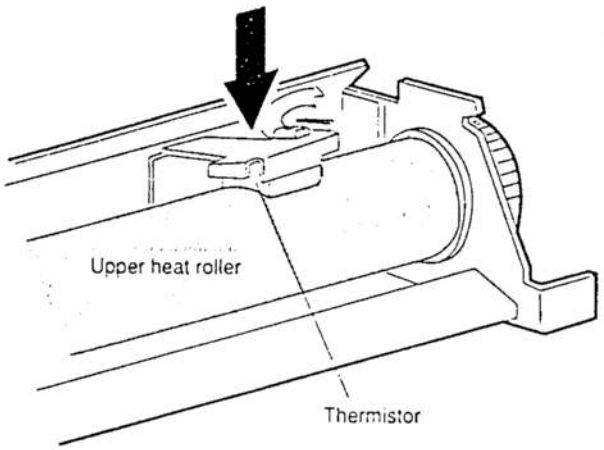
NOTE: Check items after the installation

- Thermal breaker
  Check to see that the gap between the thermal breaker and the heat roller is 1.25 ± 0.25mm when the pressure is released (*).

* Note
A pressure is applied to the roller when the following two conditions are satisfied. Be sure to release the pressure before check.
1. The upper frame is closed.
2. The paper exit tray is put down.



Thermistor
Make sure that the center of the thermistor is in contact with the heat roller.

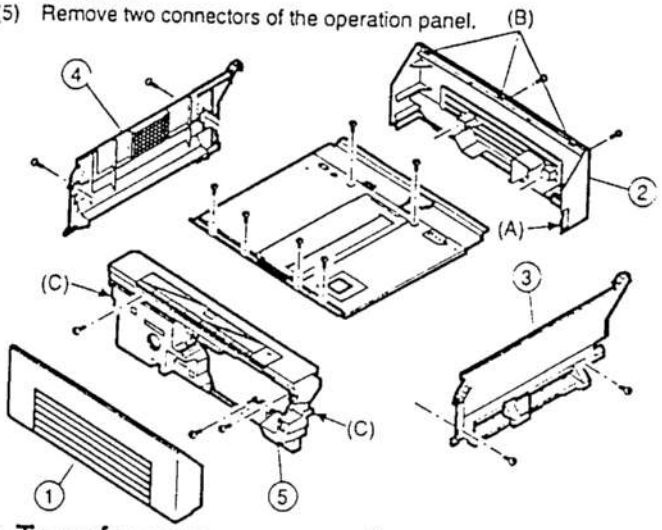


MC-Service

1. Cabinet removal

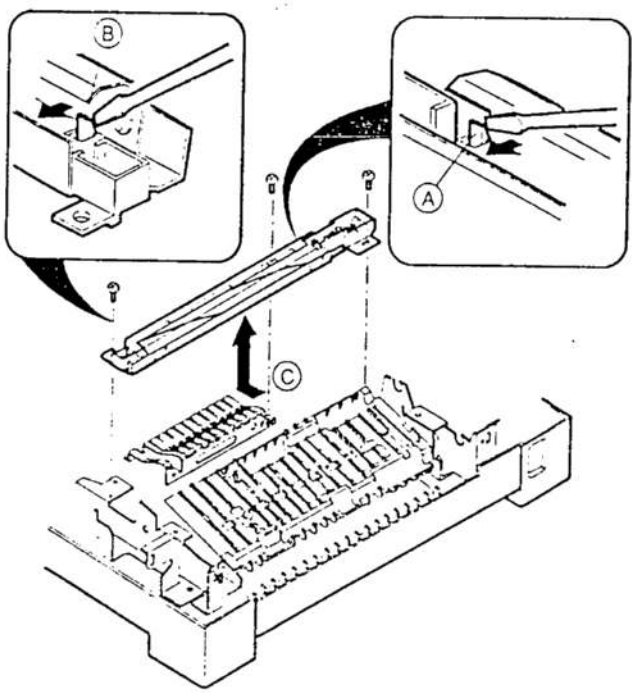
A. Cabinet

(1) Remove front cabinet ①.
(2) Remove the two screws which are fixing rear cabinet ②. Disengage pawl Ⓐ and the projection in the right cabinet. Disengage three pawls Ⓑ, and remove rear cabinet ② from the body.
(3) Remove the two screws of right cabinet ⑨ and the two screws of left cabinet ④, and remove the right and the left cabinets from the body.
(4) Remove the three screws which are fixing operation cabinet ⑤, disengage pawls Ⓒ in the both sides, and remove operation cabinet ⑤.
(5) Remove two connectors of the operation panel.



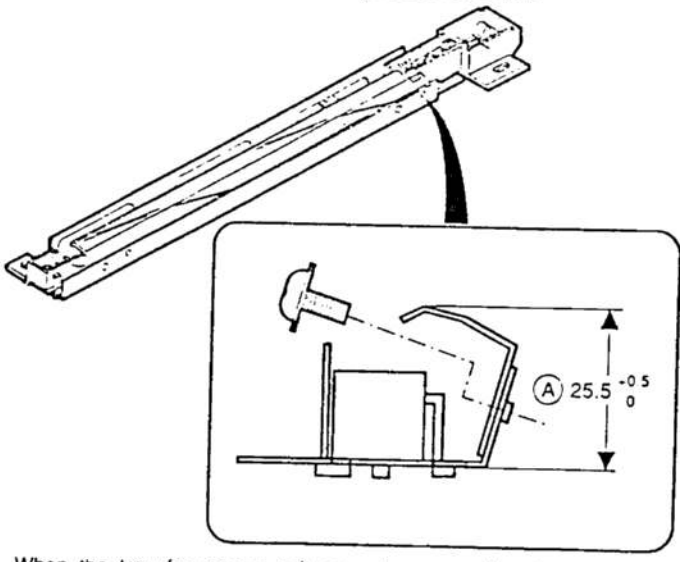
2. Transfer corona removal

(1) Remove the upper frame unit. (Refer to [10]-3. Power unit removal.)
(2) Remove the three screws.
(3) Push pawl Ⓐ with a screwdriver (–) and lift the unit.
(4) Push pawl Ⓑ with a screwdriver (–) and lift the unit.



(5) Slide the transfer corona toward paper exit side (arrow Ⓒ) and remove it.

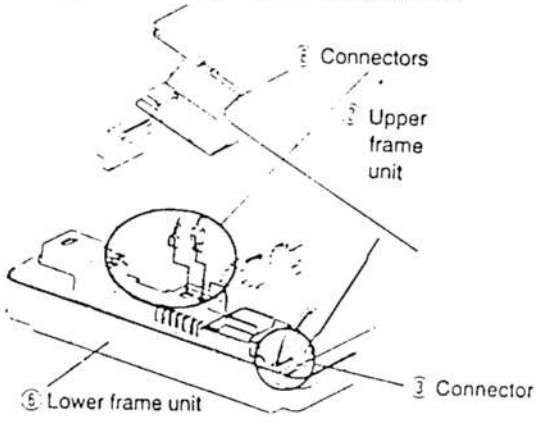
* Be careful not to touch and damage the corona wire.



When the transfer corona unit screw is removed and the unit is disassembled or parts are replaced, adjust dimension Ⓐ to be 25.5 - 26.0mm.

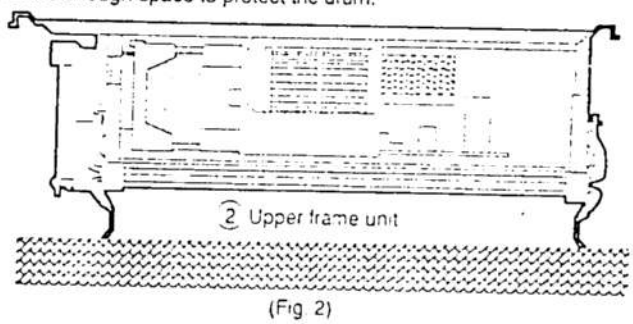
3. Power unit removal

(1) Open the front cabinet.
(2) Slide the original table to the paper exit side, push the upper frame release button, and lift upper frame unit ②.
(3) Remove the rear cabinet. (Refer to [10]-1. Cabinet removal.)
(4) Disconnect two connectors ③ from upper frame unit ②. (Refer to Fig. 3)
(5) Remove four screws in torsion bar sections. (Two screws ⑤ in both sides.)
(6) Separate upper frame unit ② from lower frame unit ⑥.



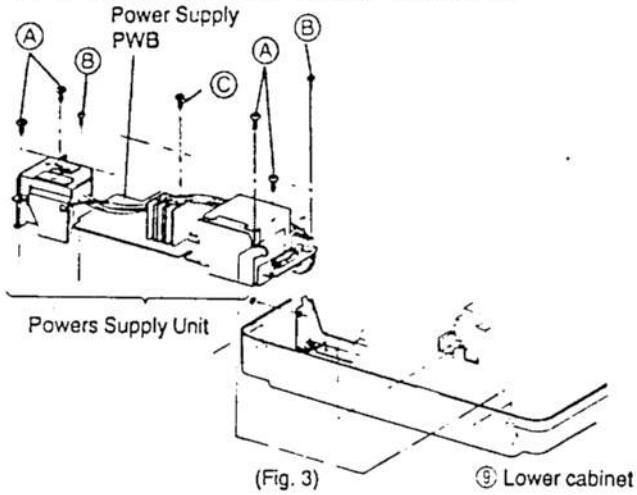
(Fig. 1)

The upper frame unit can be placed on a floor under the above state because the lower portions of the left cabinet and the torsion bars provide enough space to protect the drum.



(Fig. 2)

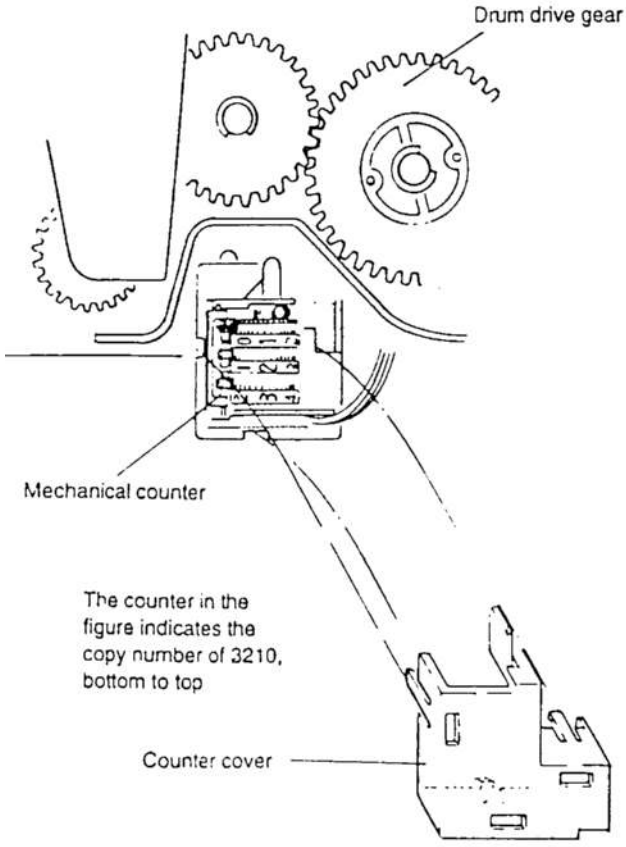
') Remove transfer corona unit ⑦. (Refer to [10]-2, Transfer corona removal.)
') Remove three connectors ⑧ from the paper feed solenoid and the fusing section. (Refer to Fig. 1)
') Remove the four gold-color tapping screws which are fixing the power unit to lower cabinet ⑨.
Remove tap tight screws which are fixing the power unit to the frame chassis, and remove the power unit.
(There is no need to remove the paper feed solenoid.)



(Fig. 3)

. Drum counter

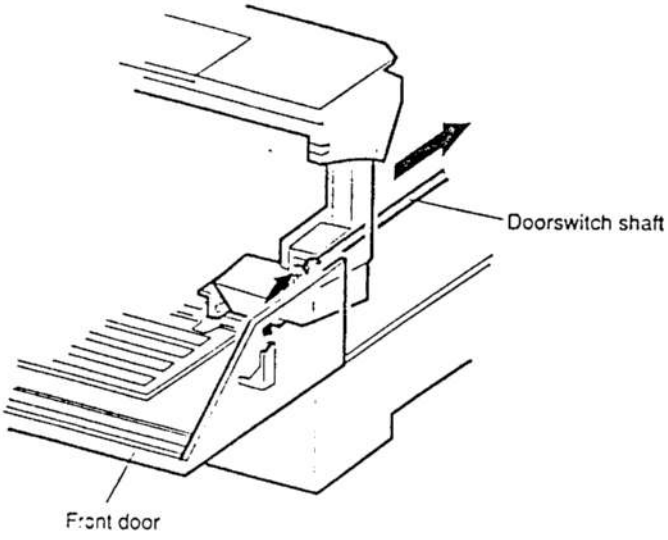
opy number can be checked on the mechanical counter under the um drive gear.


Drum drive gear
Mechanical counter
The counter in the figure indicates the copy number of 3210, bottom to top
Counter cover

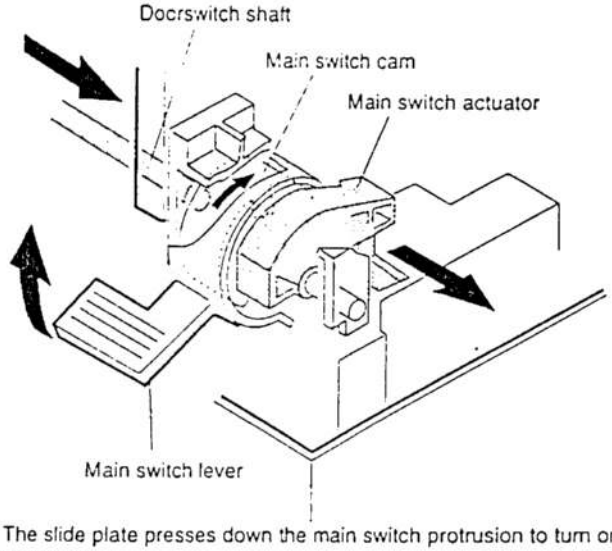
5. Main switch mechanism and precautions

The main power supply can be turned on and off with the POWER switch lever or opening and closing the front cover.

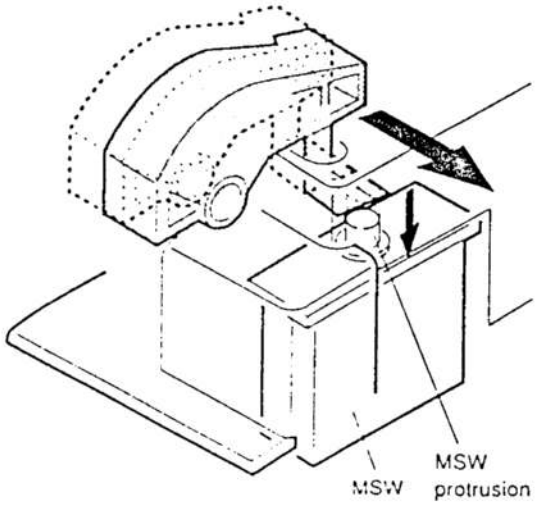
- When the front door is closed, the doorswitch shaft is pushed by the protrusion on the front door which actuates the actuator.



- When the main switch lever is pushed up, the raising part of the cam rides over the actuator. When the front door is closed, the actuator slides towards the rear frame side.

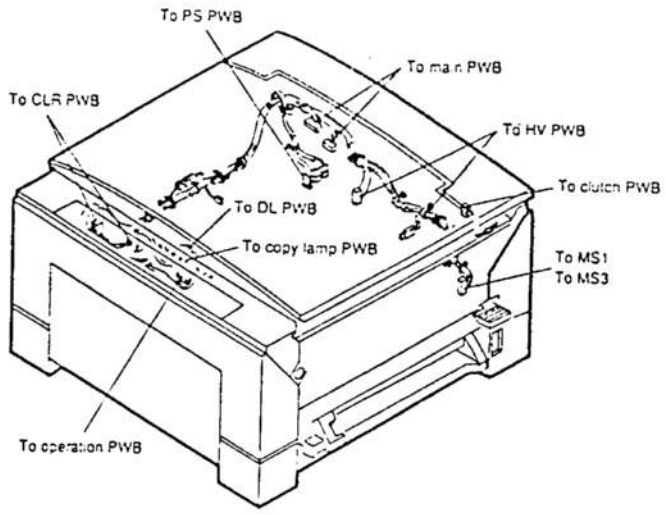


- The slide plate presses down the main switch protrusion to turn on the power.

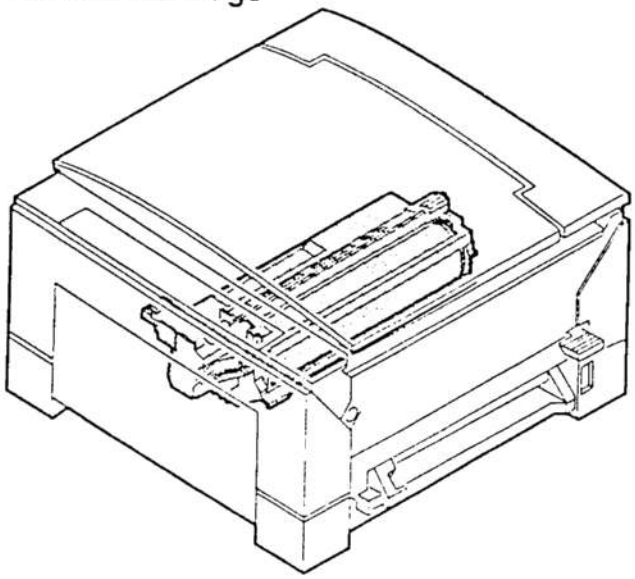


6. Connectors and cables

The connectors and the cables are connected as shown below.



7. Drum cartridge



The drum cartridge consists of an OPC drum, main corona, remover tape, cleaning blade, auger rollor and SELFOC lens cleaner. A small tab on the rear frame side of the cartridge is used for resetting the mechanical drum counter. This is a one-time only action and will not reset the counter again though the drum cartridge is removed and reinserted.

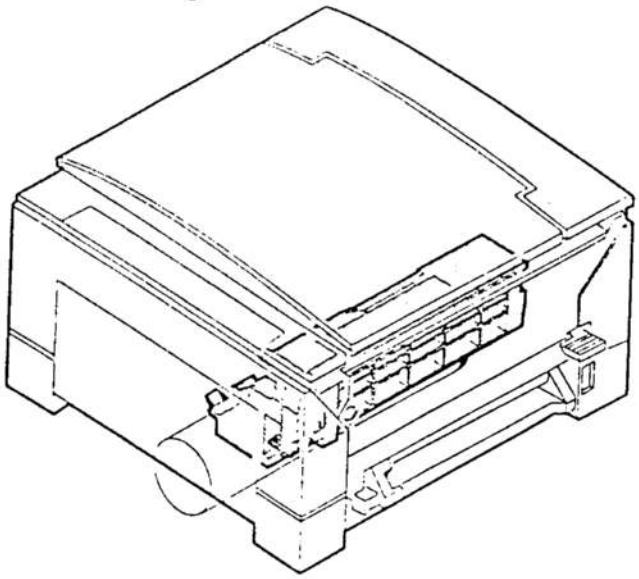
Moving the SELFOC lens cleaner lever out and in simultaneously cleans the lens and the main corona wire.

Inside the drum cartridge the cleaner blade is always in contact with the drum. During the copy process the residual image is removed from the drum surface by the blade. The auger roller transports the used toner to the toner collection container located on the front of the TD cartridge.

The remover tape located on the rear frame side of the drum cartridge mechanically strips the paper from the drum and guides it to the separation roller. Due to the copy paper not contacting the drum in this area there is a void of less than 9 mm along the rear frame side of the copy.

NOTE: The drum cartridge is set to factory specifications and is not adjustable in the field. If a problem is suspected replace the entire cartridge.

8. TD cartridge



General Description:

The TD cartridge applies toner to the electrostatically charged area of the drum, and develops the latent image on the drum. The Magnetic roller is a rotating aluminum sleeve. At the center of the MG Roller are stationary magnets. These magnets hold and direct the developer. The developer is composed of very fine magnetic filings and is used to transport the Toner from the developer to the drum.

As the MG Roller rotates, it carries Developer and Toner. The Magnetic Field around the MG Roller forms the Developer into a "Magnetic Brush". The height of the Magnetic Brush is determined by the Doctor Blade. The angle of the brush is determined by the position of the magnets in the MG Roller.

The Auger Roller keeps the mixture of Toner and Developer agitated and uniformly mixed. Since the Developer is used as a carrier of Toner, the Developer is not used up, and the volume of Developer remains constant. As the Toner is pulled out of the Developer, the ratio of toner to developer decreases. The Toner Sensor measures this ratio, ad relays this information to the Main PWB which will energize the Toner Motor (TM) when additional Toner is required. The Toner Motor is mounted on the rear frame of the copier.

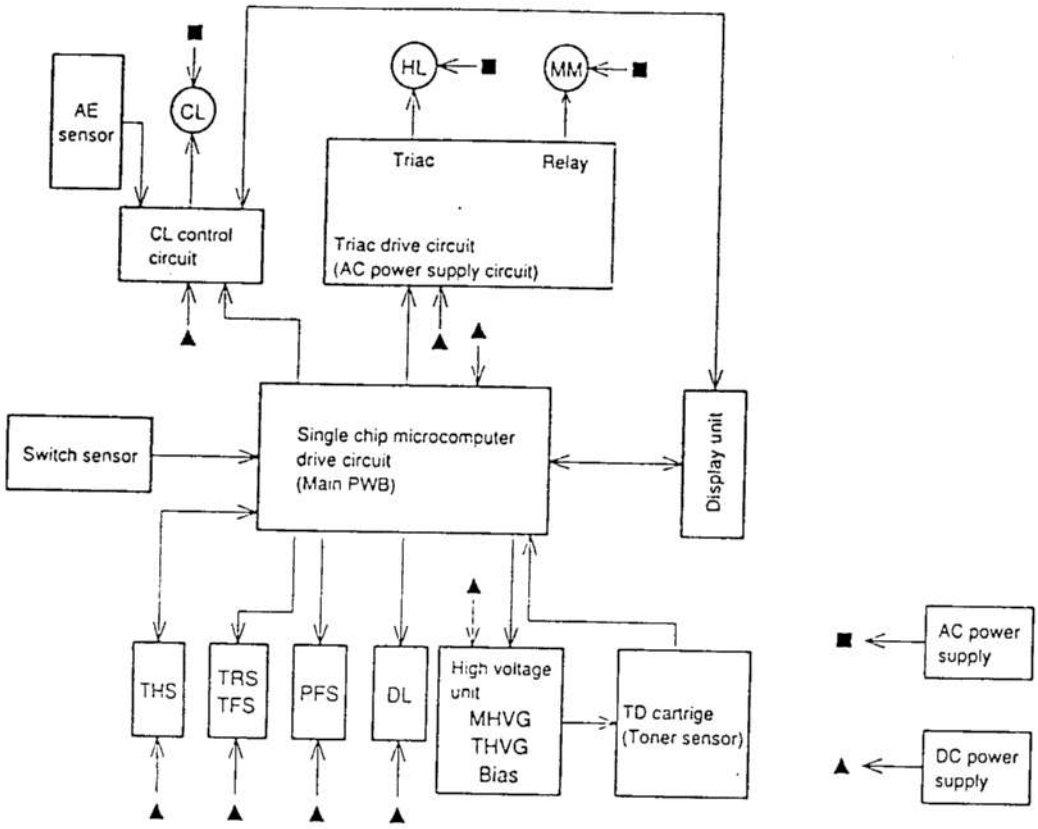
The Toner Sensor and Bias connect to the Main PWB by a four pin connector located on the rear side of the Unit.

The Bias voltage is used to prevent background by applying a counter balancing charge to the Developer.

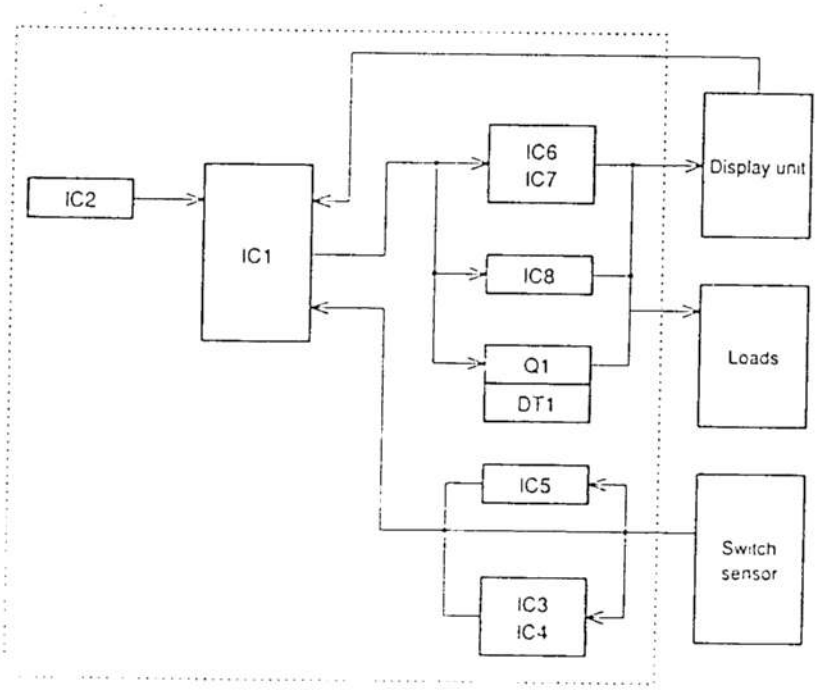
NOTE: The TD cartridge is set to factory specifications and is no. adjustable in the field. If a problem is suspected replace the entire cartridge.

[1] ELECTRICAL SECTION

Block diagram



Main PWB block diagram



Pin No.	In/Out	Signal name	Description
1	—	—	Pulldown
2	Out	MDL0	Display segment select signal
3	Out	MDL1	
4	Out	MDL2	
5	Out	EXD	Exposure level select signal (DARK)
6	In	WTL	Machine ready temperature detect signal (READY state)
7	In	WTLL	Power down temperature level detect signal (Power down state)
8	In	HT	Heater trouble detect signal L (0V): trouble
9	In	TCS	Toner replenishment needed with a high state of the lower toner signal (+5V) (Tonner supply solenoid)
10	OUT	S0	Switch sensing strobe signal
11	OUT	S1	Switch sensing strobe signal
12	OUT	TFC	Table feed clutch control signal, active high (+5V), to energize the solenoid.
13	OUT	EXN	Exposure level select signal (AUTO)
14	OUT	MHV	Main corona control signal, active high (+5V), to turn on the main corona output.
15	OUT	THV	Transfer corona control signal, active high (+5V), to turn on the copy lamp.
16	OUT	CLR	Copy lamp control signal, active high (+5V), to turn on the copy lamp.
17	OUT	HL	Heater lamp control signal, active high (+5V), to turn on the copy lamp.
18	In	RESET	Reset signal at H (+5V).
19	—	—	Clock pulse
20	—	VD	+5V
21	—	—	Clock pulse
22	—	—	GND (0V)
23	—	—	Pulldown
24	In	KI	Operation panel key input signal, active high (+5V), to turn on the key signal.
25	In	I0	Switch input signal
26	In	I1	
27	Out	MMR	Main motor relay control signal, active high (+5V), to turn on the relay.
28	Out	THS	Toner supply solenoid control signal, active high (+5V), to turn on the relay.
29	Out	DL	Discharge lamp control signal
30	Out	PFS	Paper feed solenoid control signal, active high (+5V), to energize the solenoid.
31	Out	E	Display segment signal
32	Out	F	
33	Out	G	
34	Out	TRC	Table return clutch control signal. Electromagnetic clutch ON at HIGH (+5V)
35	Out	A	Display segment signal
36	Out	B	
37	Out	C	
38	Out	D	
39	—	—	GND (0V)
40	—	—	GND (0V)

[12] Circuit diagram and Time chart

AC POWER SUPPLY CIRCUIT (100V system) 38
AC POWER SUPPLY CIRCUIT (200V system) 39
DC POWER SUPPLY CIRCUIT (100V system) 40
DC POWER SUPPLY CIRCUIT (200V system) 41
POWER SUPPLY P.W.B. 42
MAIN CIRCUIT 43
MAIN P.W.B. 44
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TIME CHART 3 A4 (8½ x 11") SIZE, MANUAL FEED COPY 50
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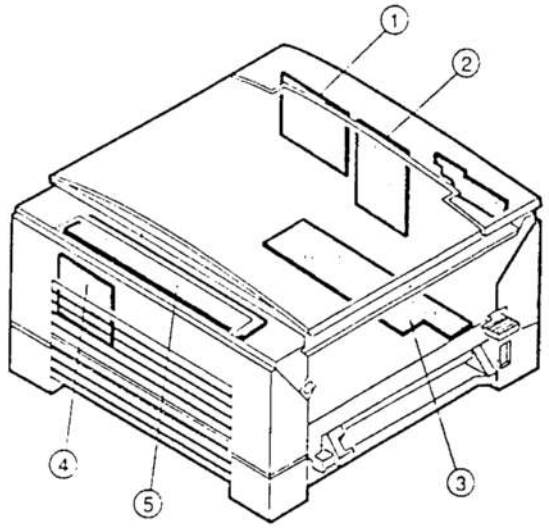
PWB location



①	Main PWB
②	High voltage PWB
③	Power supply PWB
④	CLR PWB
⑤	Operation PWB

① Main PWB
   a. Control the timing of the copiers electrical circuits.

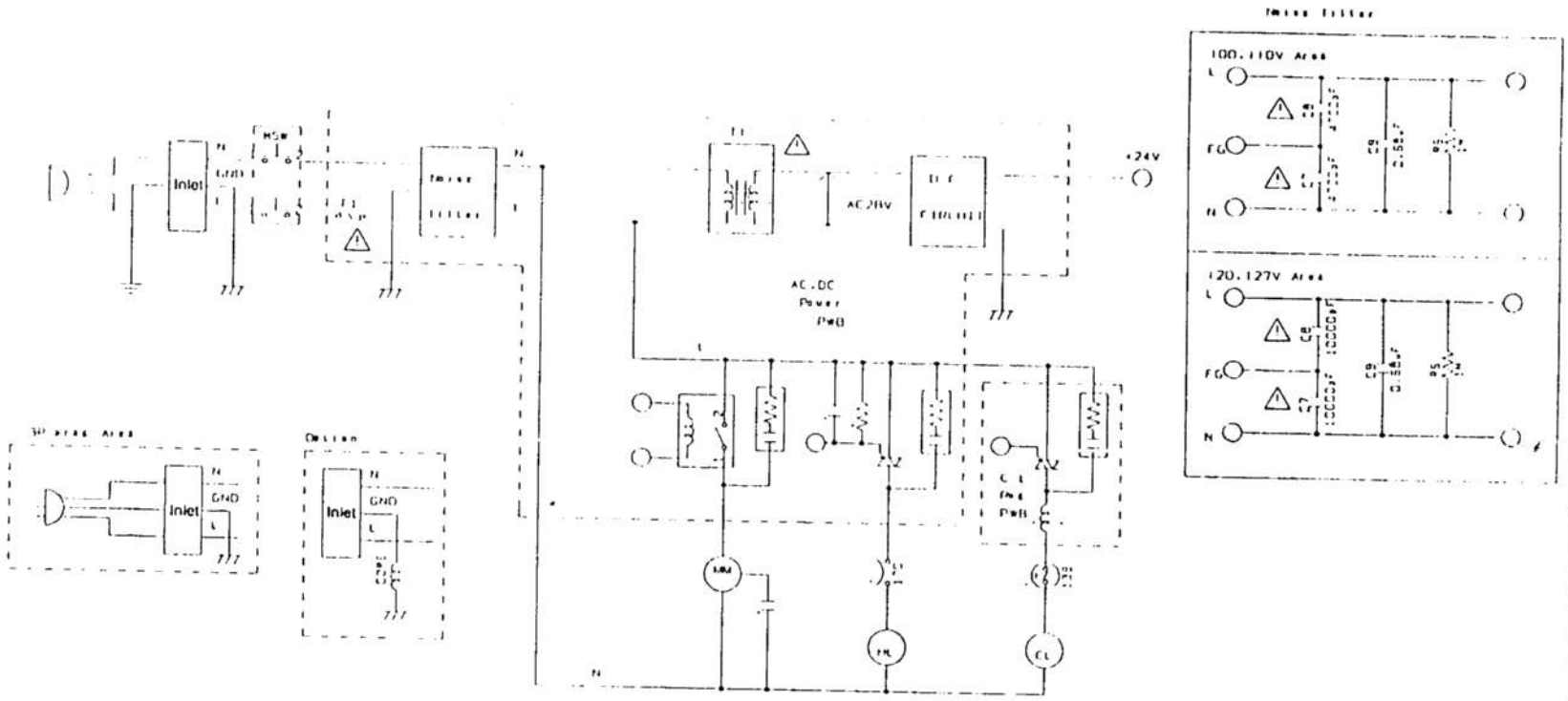
② High voltage PWB
   a. Supplies high voltage to the main and transfer coronas, ON and OFF timing is controlled by a signal from the main PWB.

③ Power supply PWB
   a. Supplies voltages for the motors, lamps, solenoids, transformers and PWB's.

④ Copy lamp regulator PWB
   a. Turns the copy lamp ON and OFF via signals from the main PWB.
   b. Automatically controls the copy lamp intensity via signals received from the photo sensor in the optical unit.

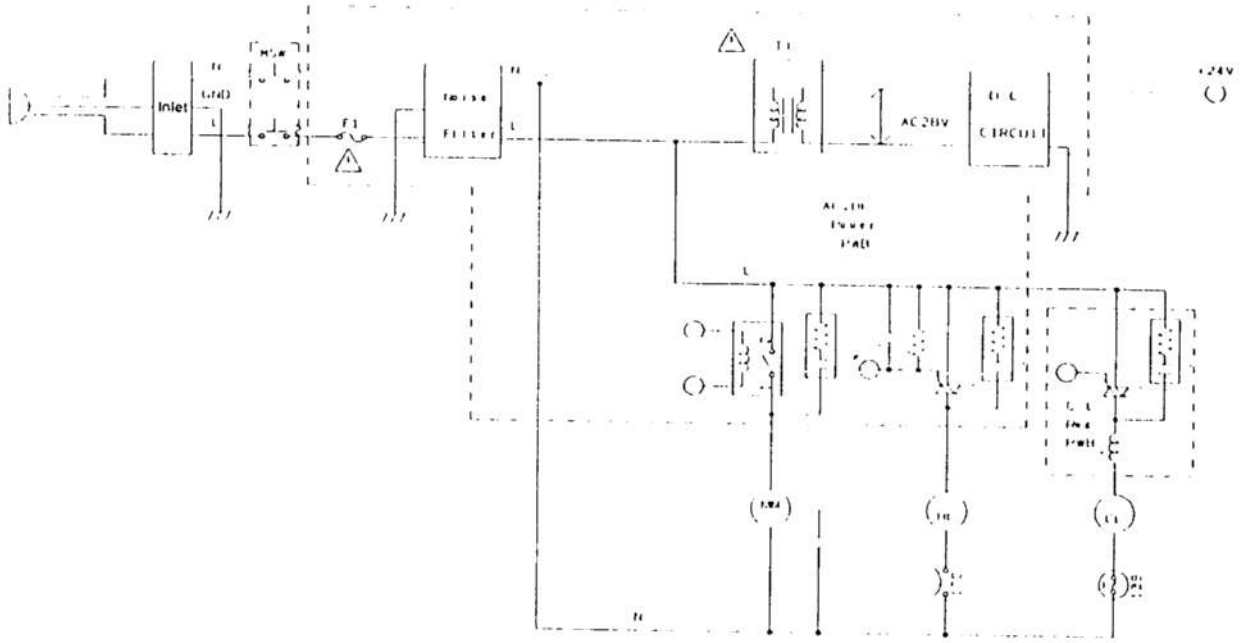
⑤ Operation PWB
   a. Key control and display signals via the main PWB.

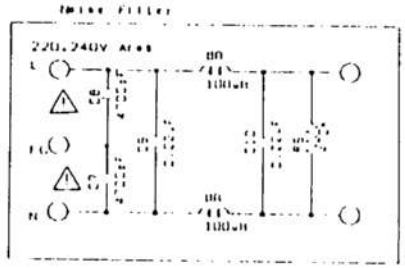
AC POWER SUPPLY CIRCUIT (100V system)



	II	III	CI
100V	20 A	950 W	200W 80 V
110V	20 A	950 W	
120V	15 A	950 W	
127V	15 A	950 W	

AC POWER SUPPLY CIRCUIT (200V system)





	F1	HL	LL
220V	10 A	950 W	215 W
240V	10 A	950 W	160 V

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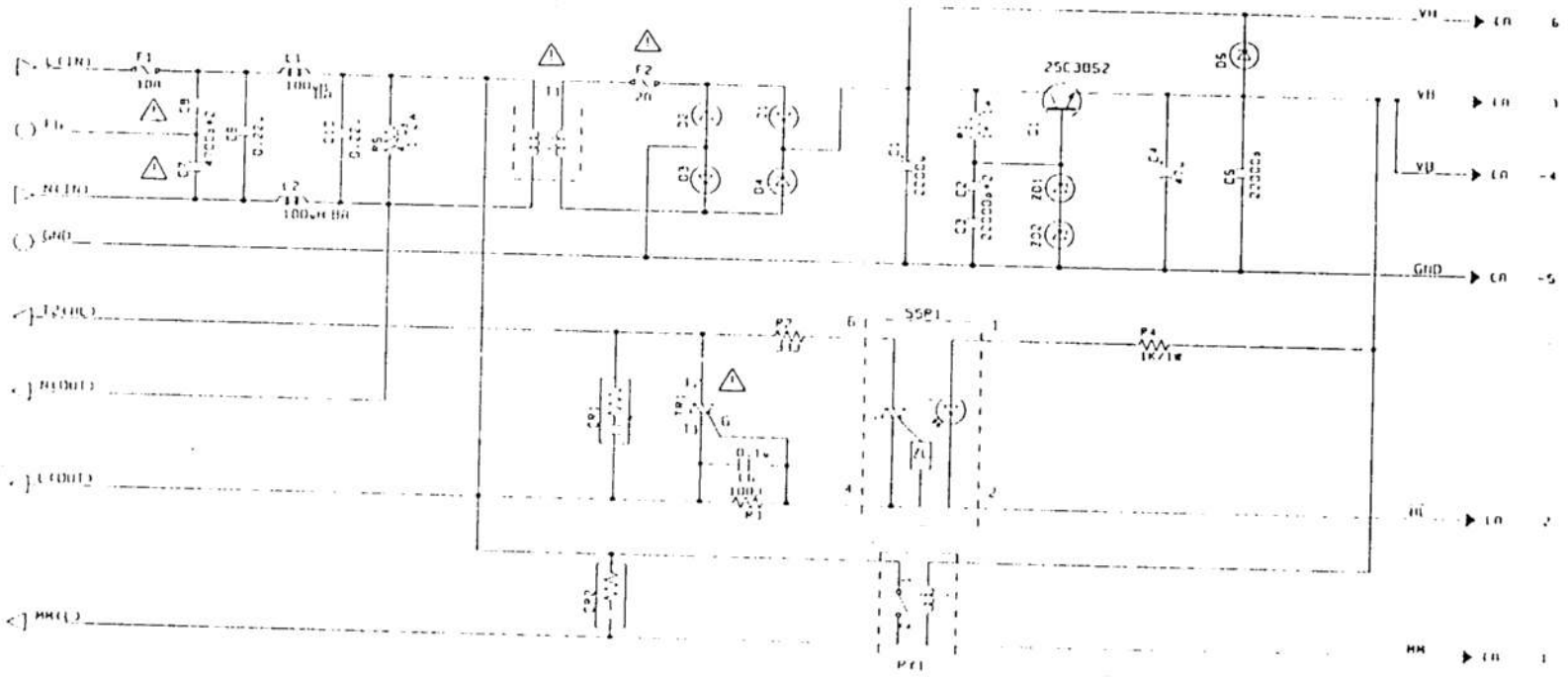
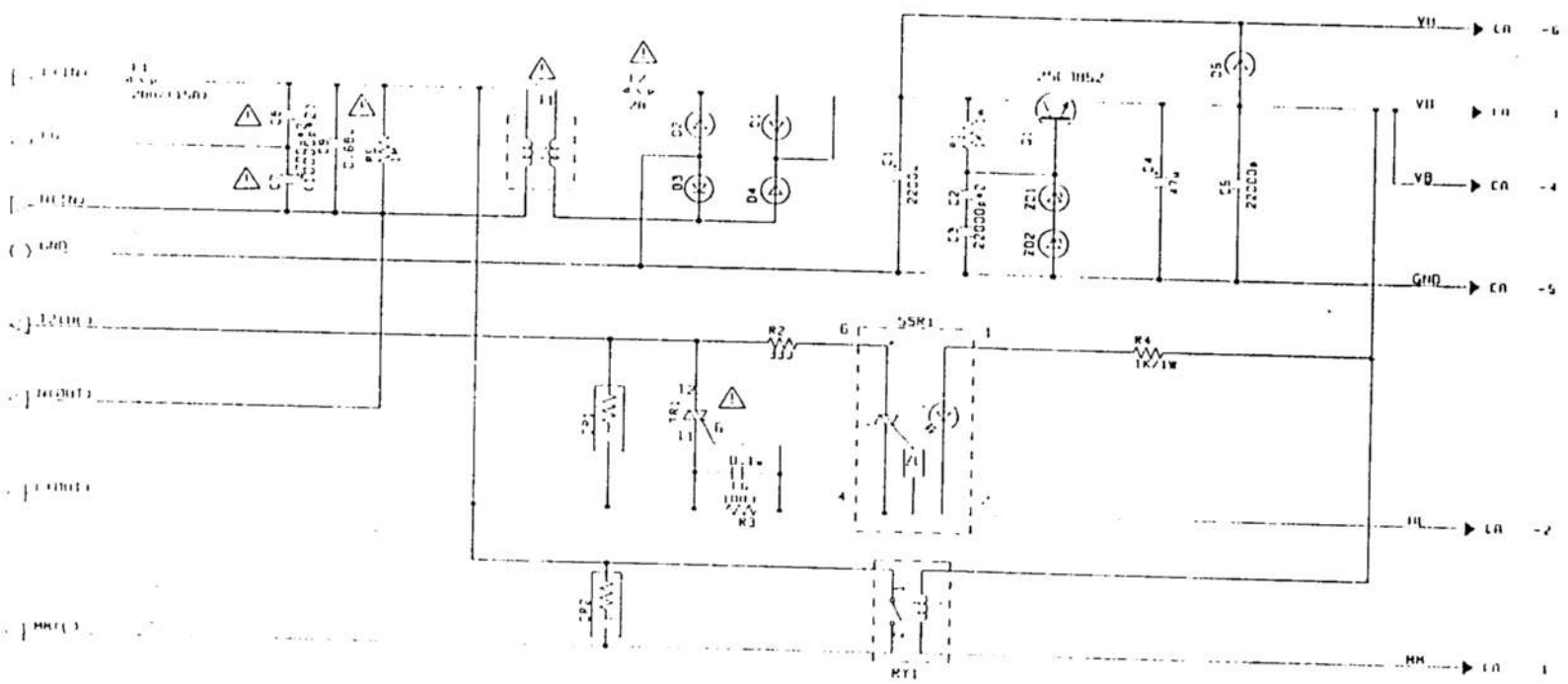
DC POWER SUPPLY CIRCUIT (100V system)

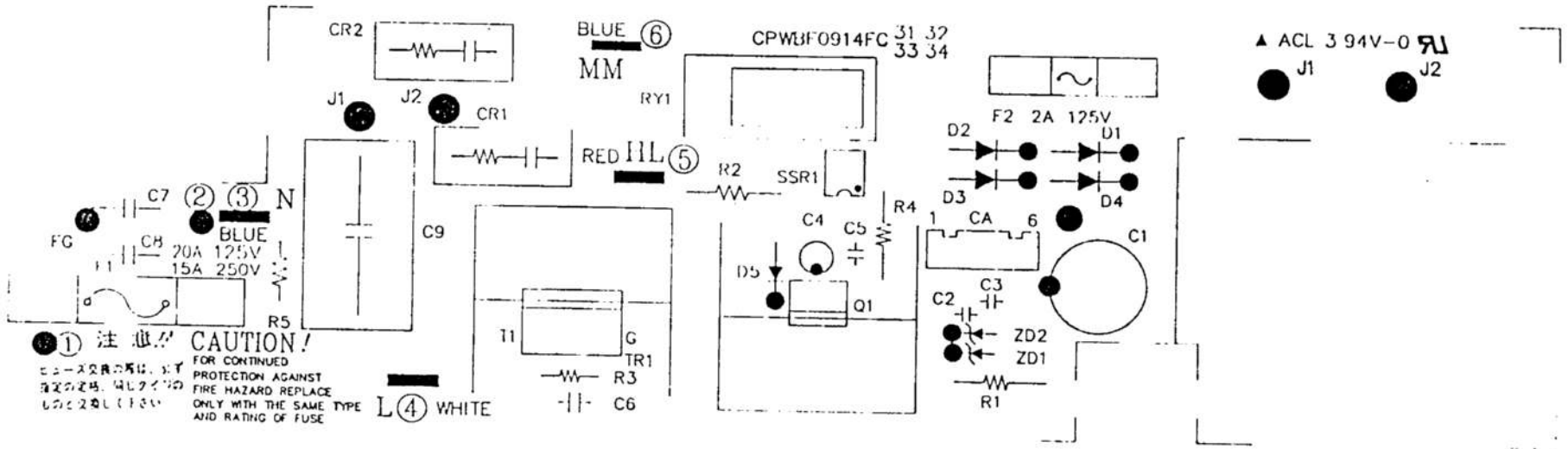


DC POWER SUPPLY CIRCUIT (200V system)

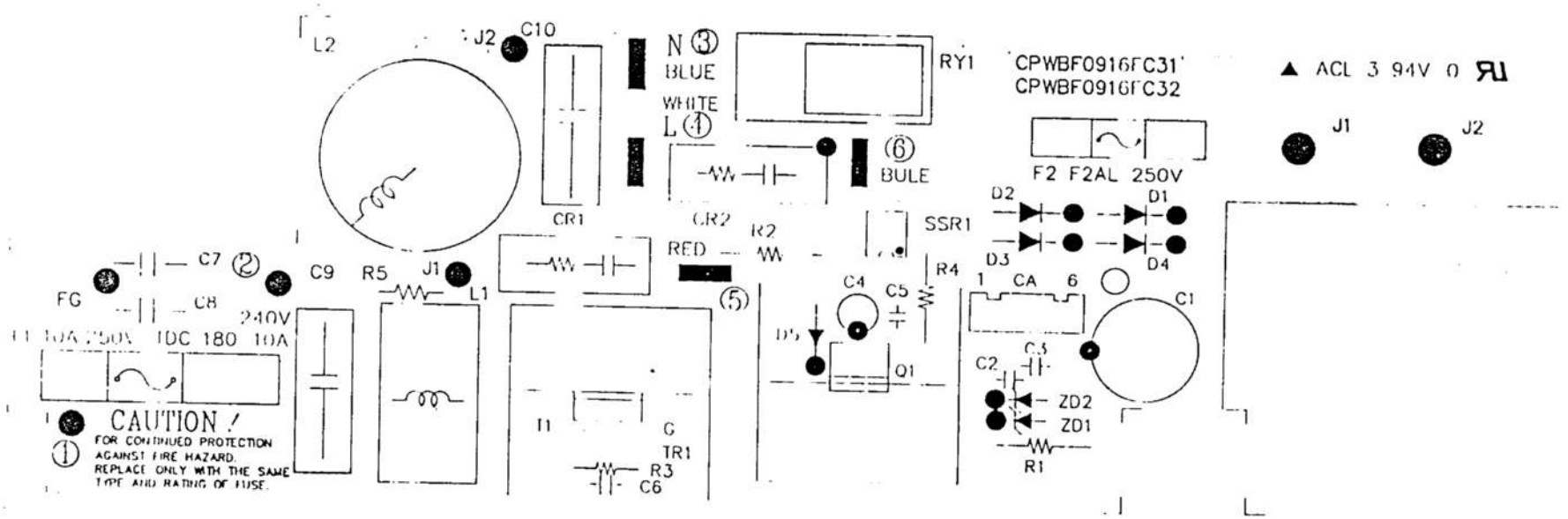


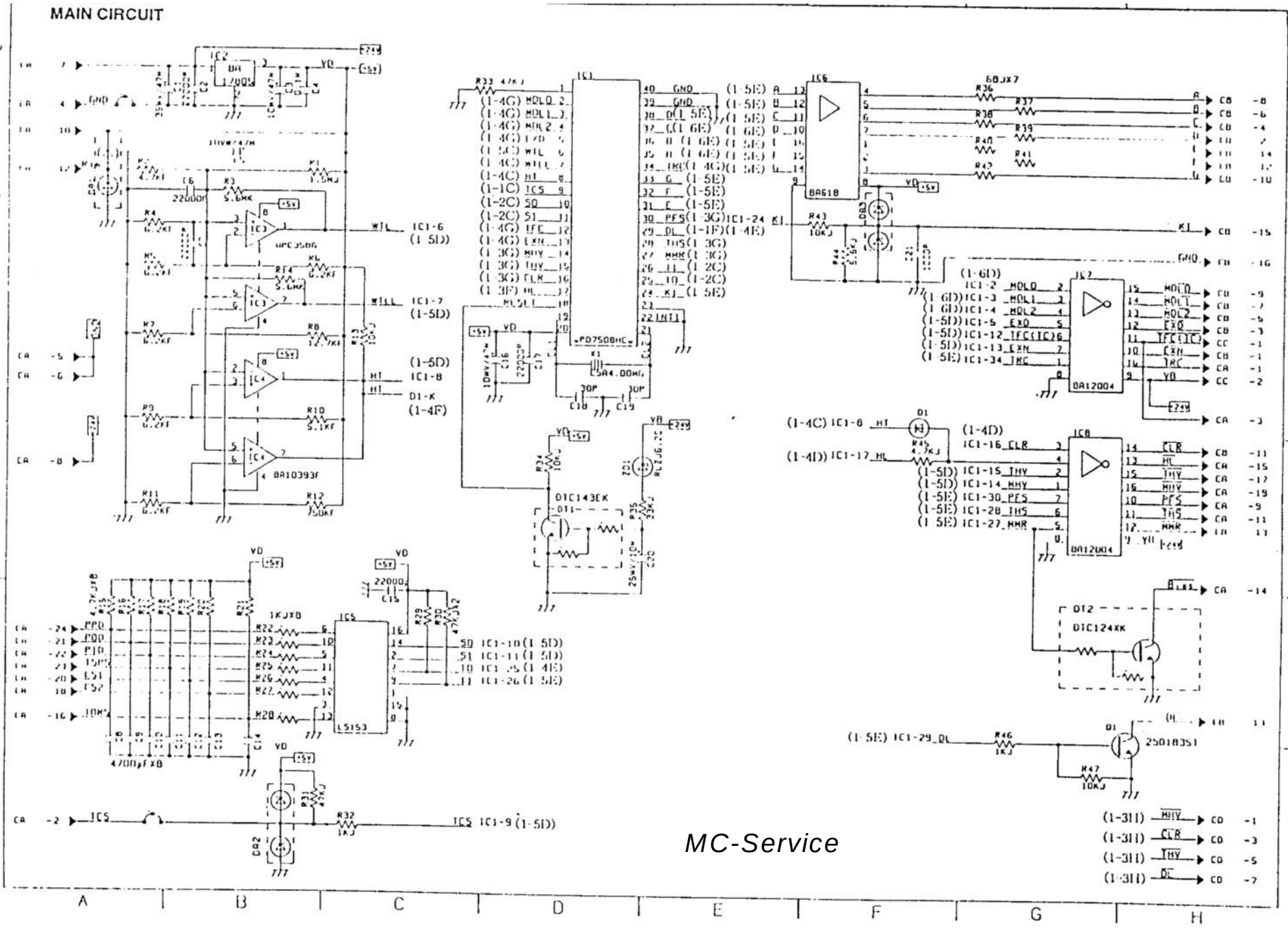
POWER SUPPLY P.W.B.

100V (100V system)

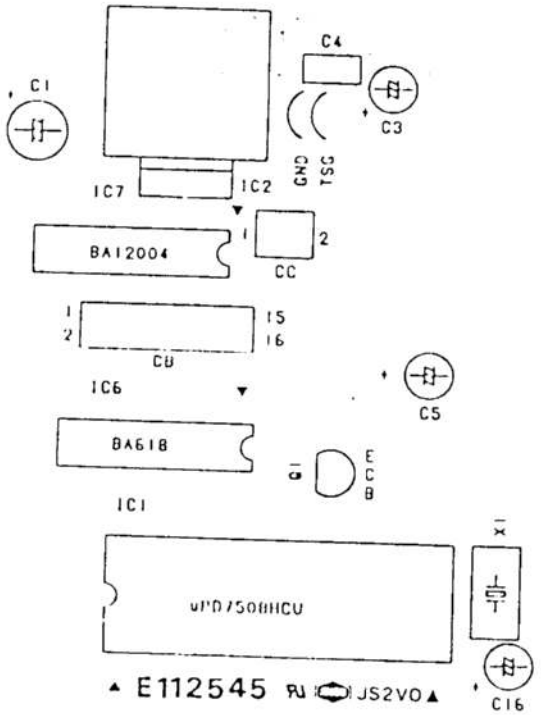


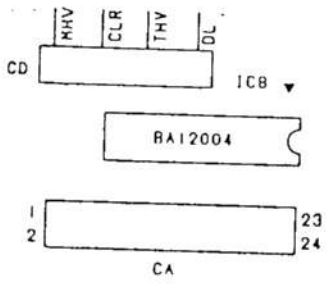
200V (200V system)




MAIN CIRCUIT
IC1
PD7508HC
IC2
BA12004
IC3
IC4
BA10393F
IC5
LS153
IC6
BA618
IC8
BA12004
D1C143EK
D1C124KK
2SD1835
MC-Service

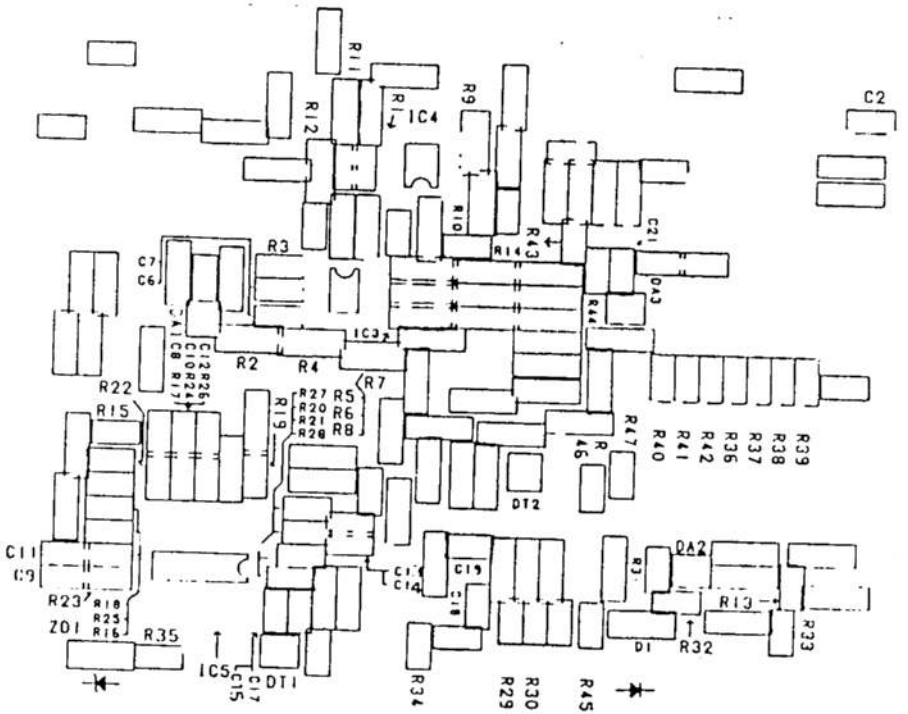
TOP VIEW



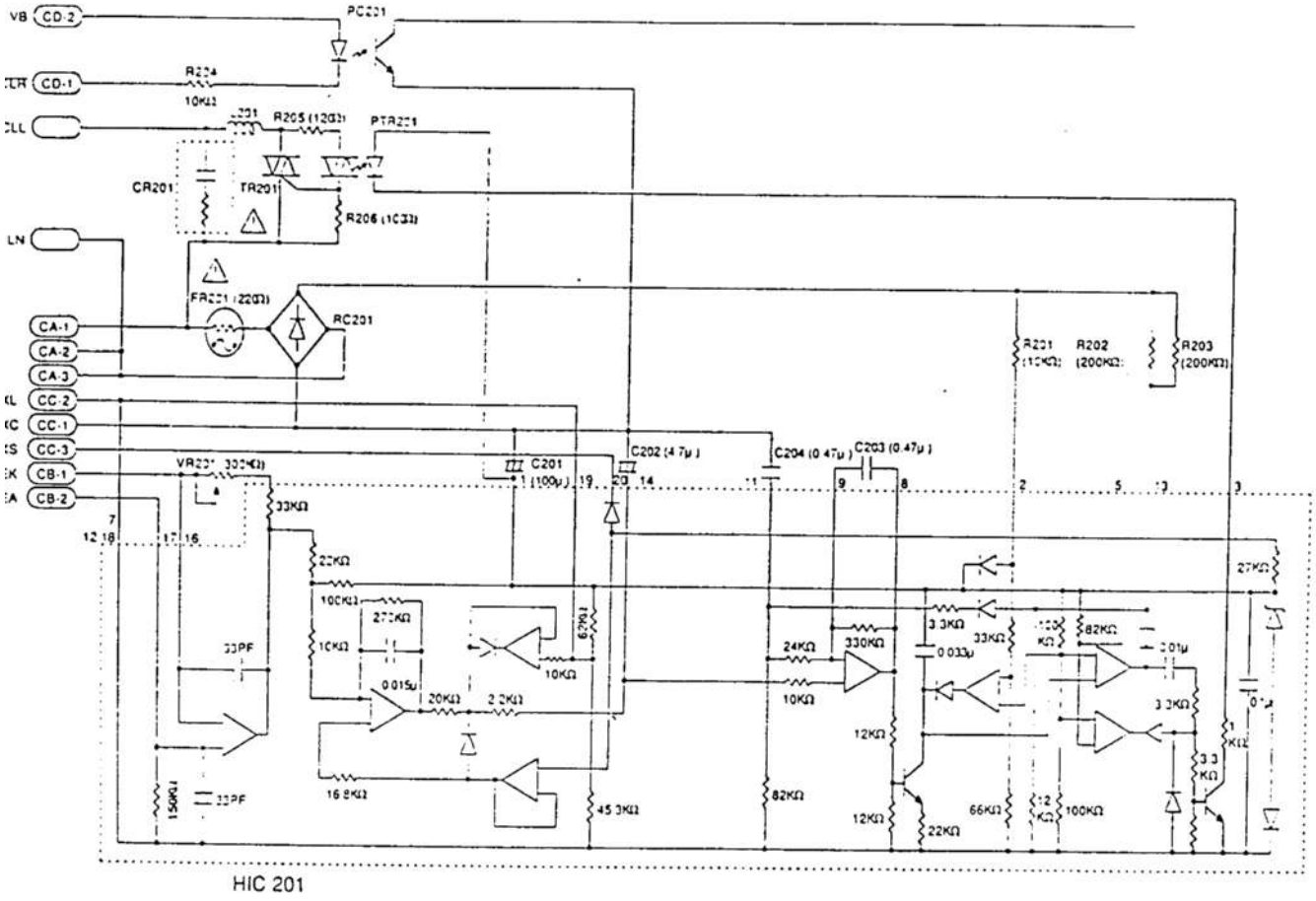


SHARP
FO913FC
MAIN PWB

BOTTOM VIEW

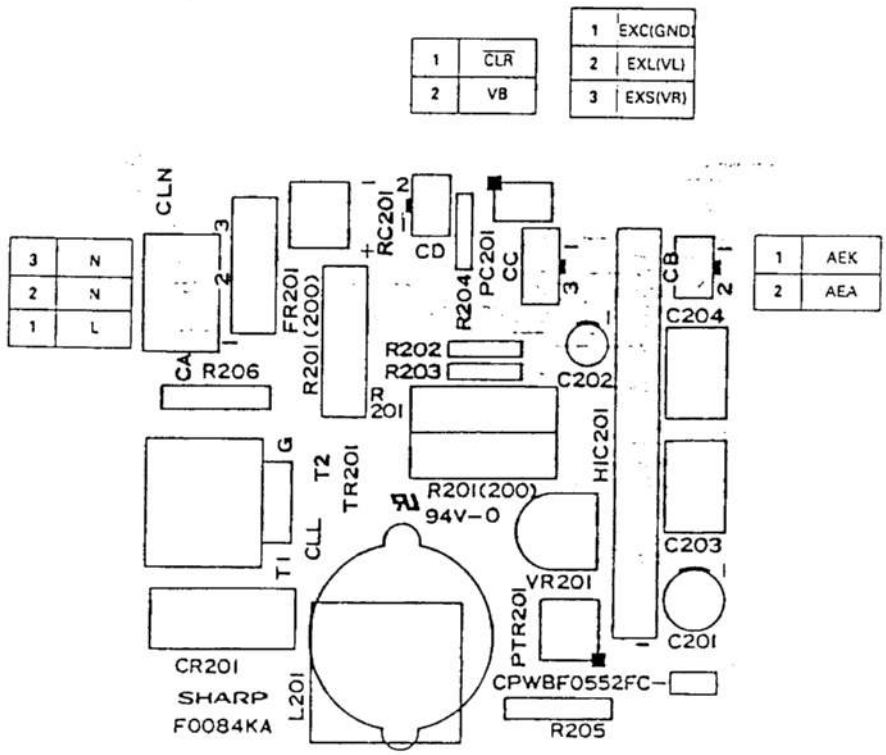


CLR CIRCUIT



CLR HIC201 INTERNAL CIRCUIT

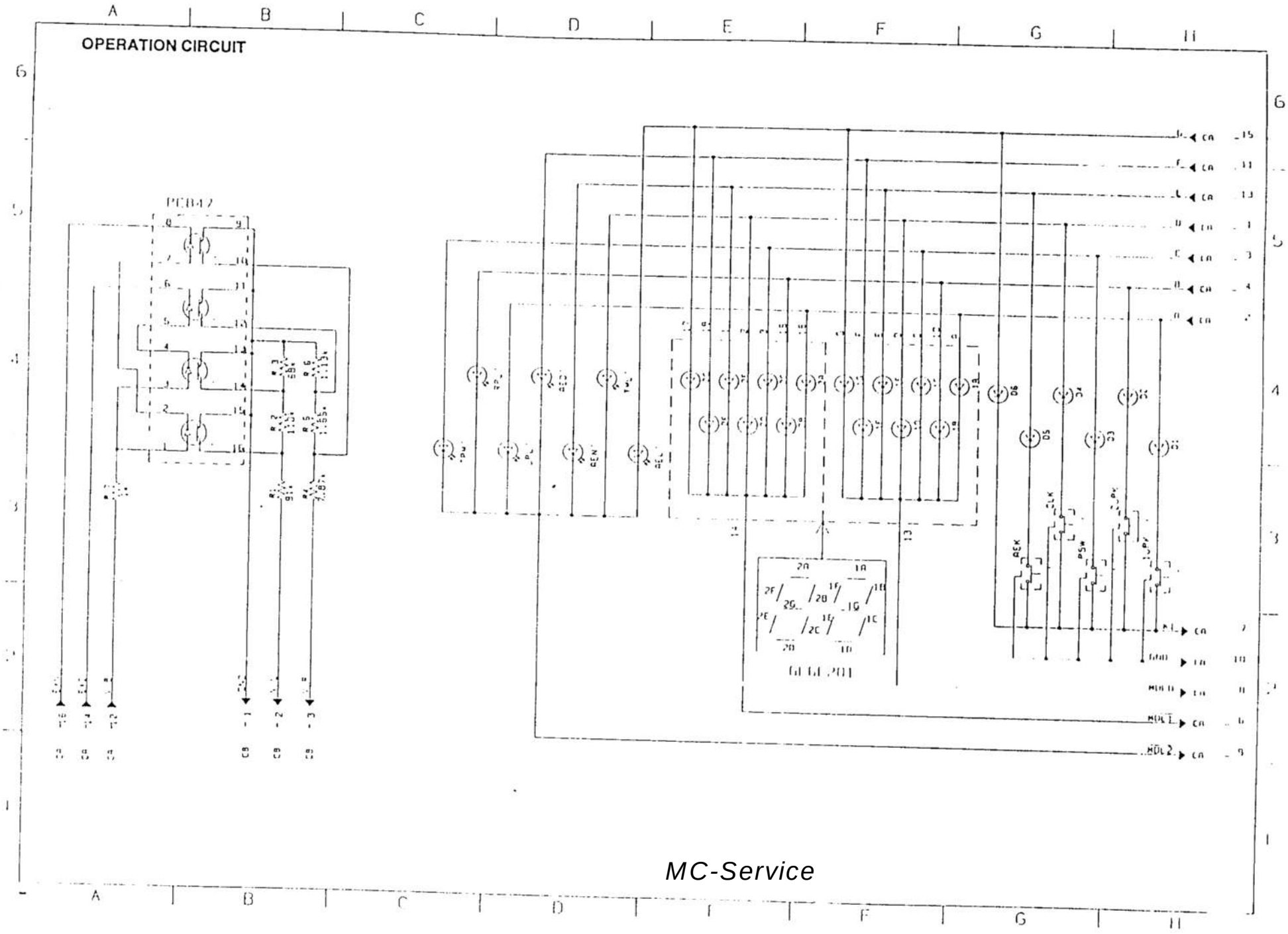
LR P.W.B.

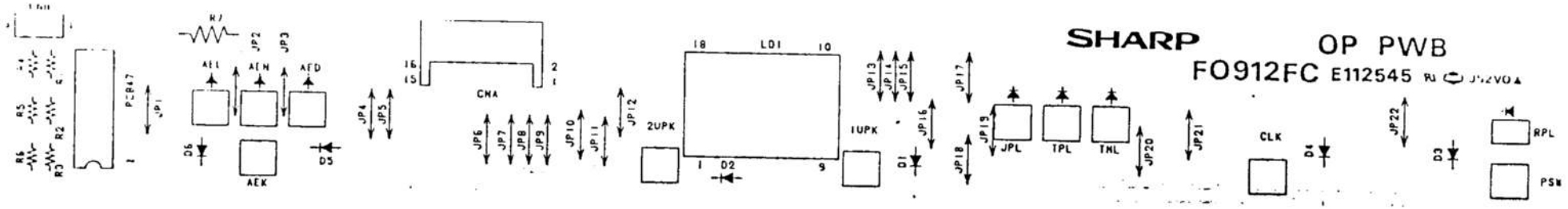


Parts	Standards
[illegible]	[illegible]

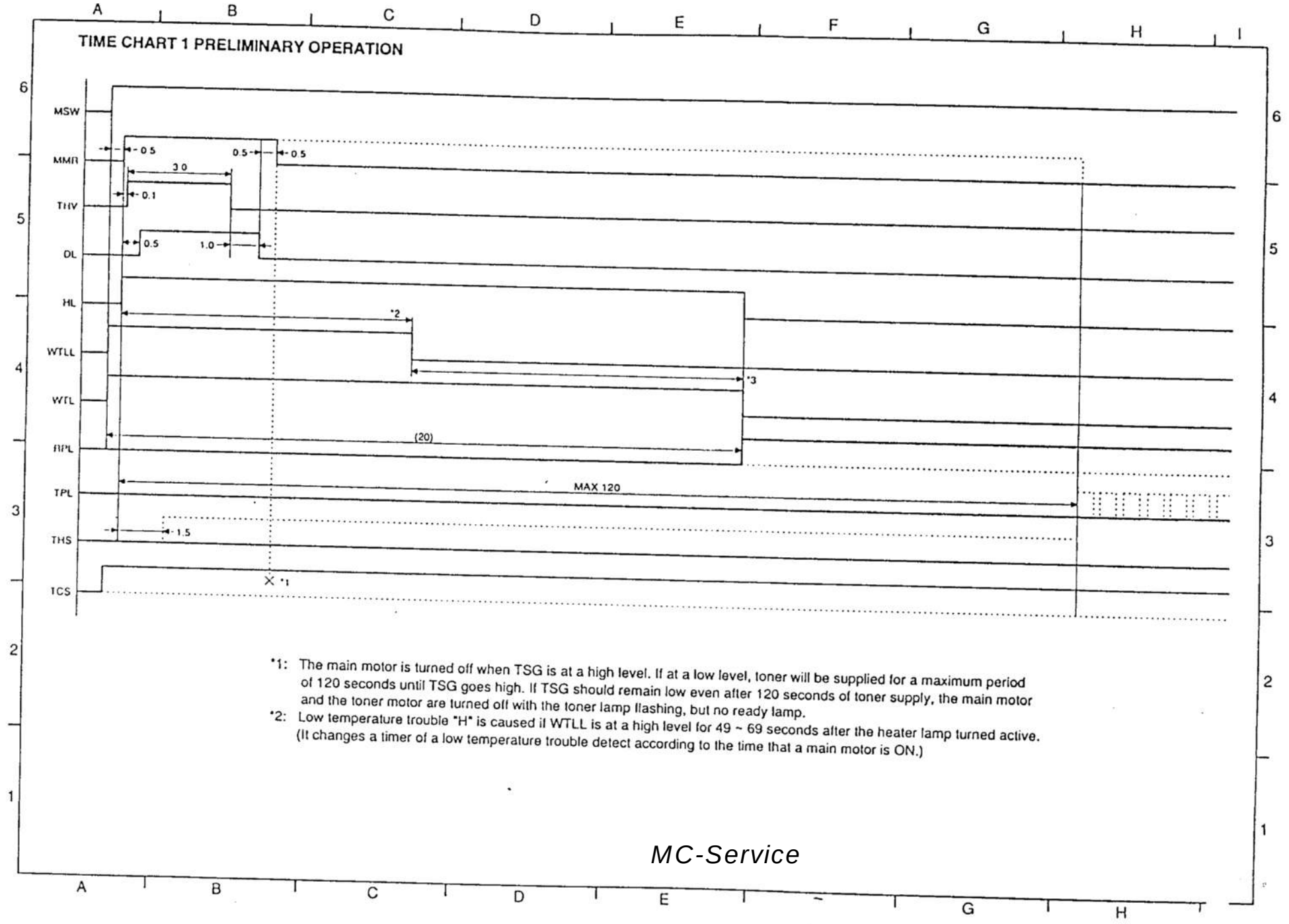
MC-Service

OPERATION CIRCUIT




SHARP
OP PWB
FO912FC E112545
RJ
JP1
JP2
JP3
AEL
AEH
AED
AEK
D5
D3
JP4
JP5
JP6
JP7
JP8
JP9
JP10
JP11
JP12
CNA
2UPK
1UPK
LD1
18
10
1
9
D2
D1
JP13
JP14
JP15
JP16
JP17
JP18
JP19
JPL
TPL
THL
JP20
JP21
CLK
D4
JP22
D3
RPL
PSW

TIME CHART 1 PRELIMINARY OPERATION



*1: The main motor is turned off when TSG is at a high level. If at a low level, toner will be supplied for a maximum period of 120 seconds until TSG goes high. If TSG should remain low even after 120 seconds of toner supply, the main motor and the toner motor are turned off with the toner lamp flashing, but no ready lamp.

*2: Low temperature trouble "H" is caused if WTLL is at a high level for 49 ~ 69 seconds after the heater lamp turned active. (It changes a timer of a low temperature trouble detect according to the time that a main motor is ON.)

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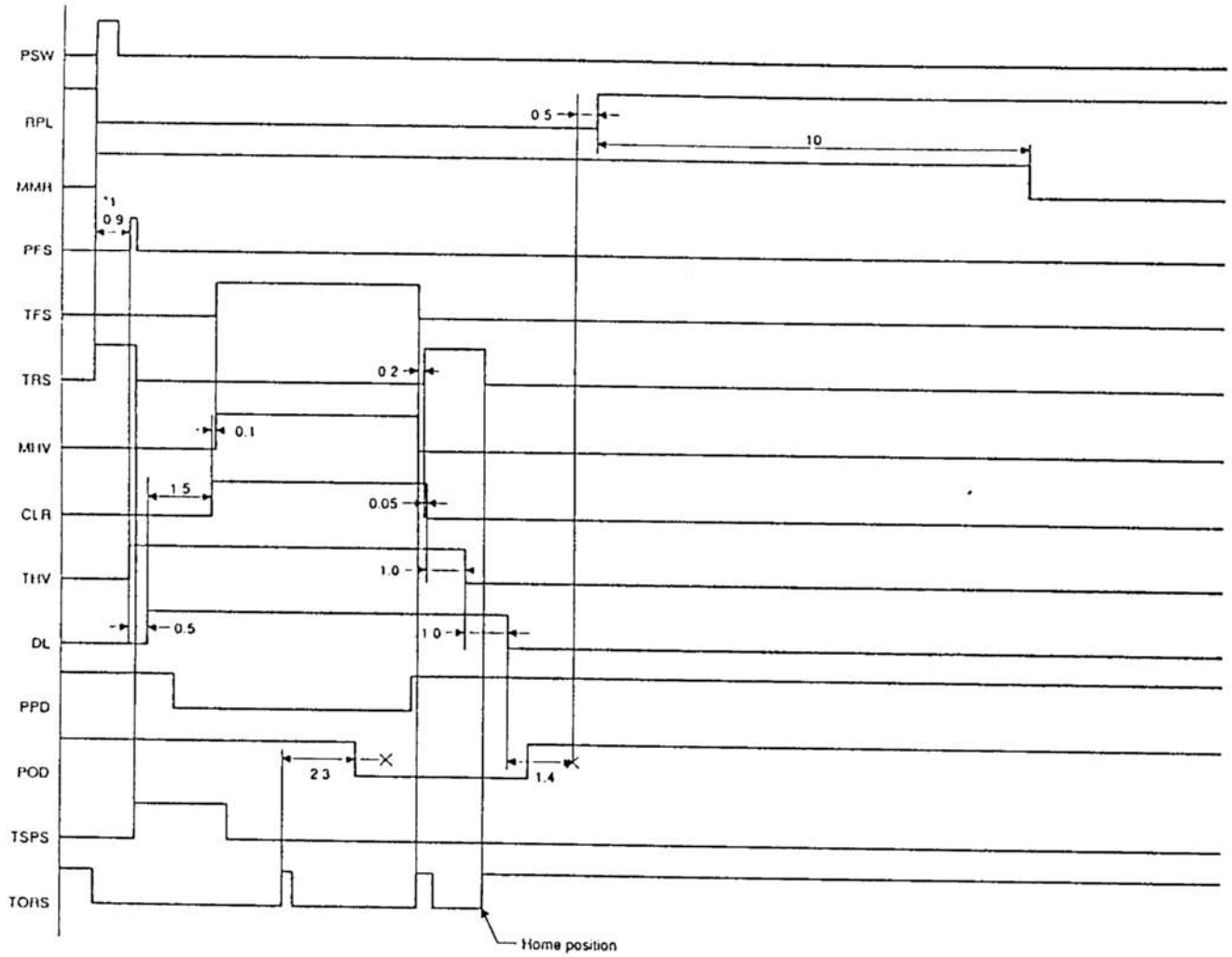
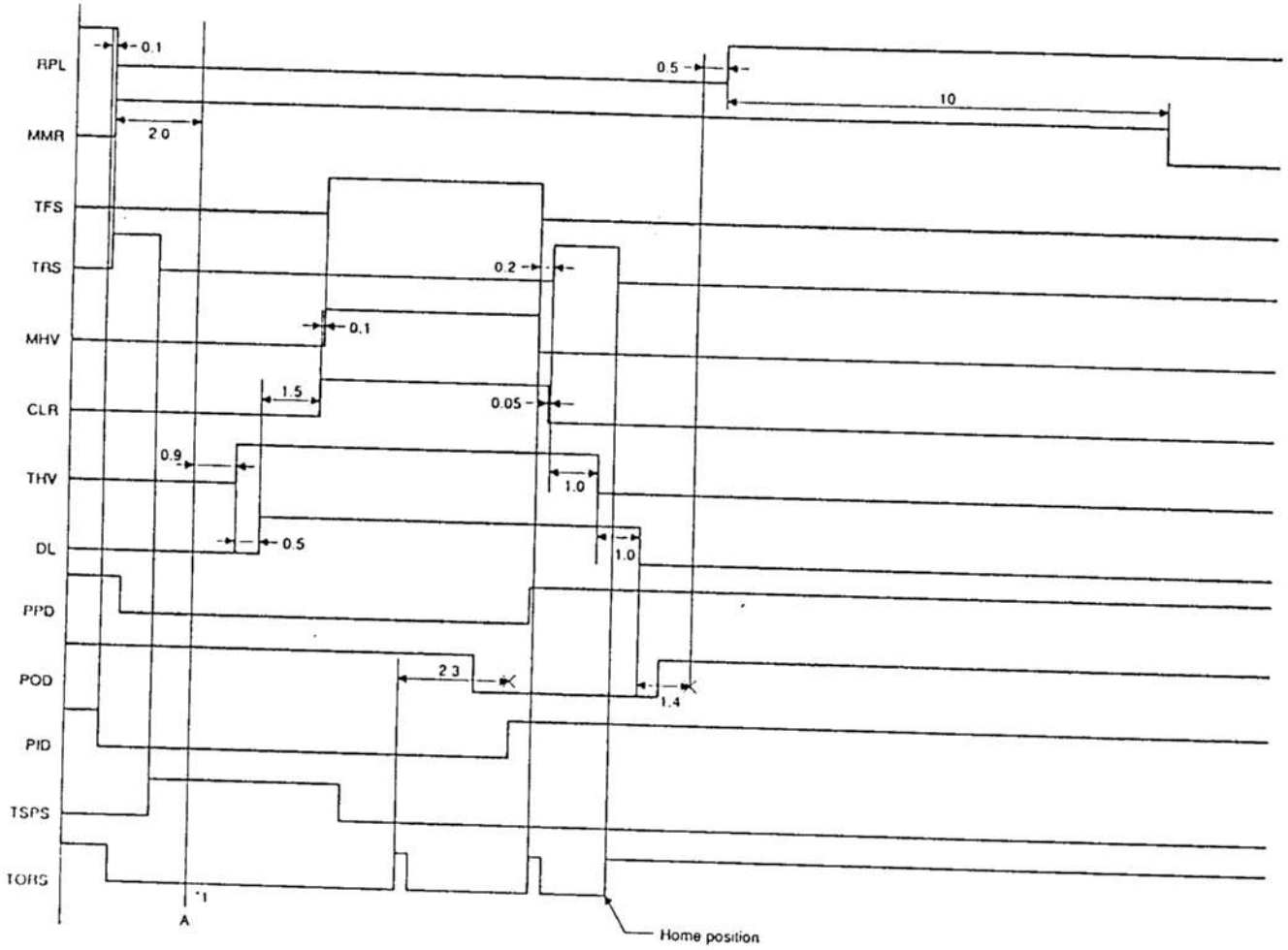
TIME CHART 2 SINGLE COPY A4 (8½ x 11") SIZE, CASSETTE FEED



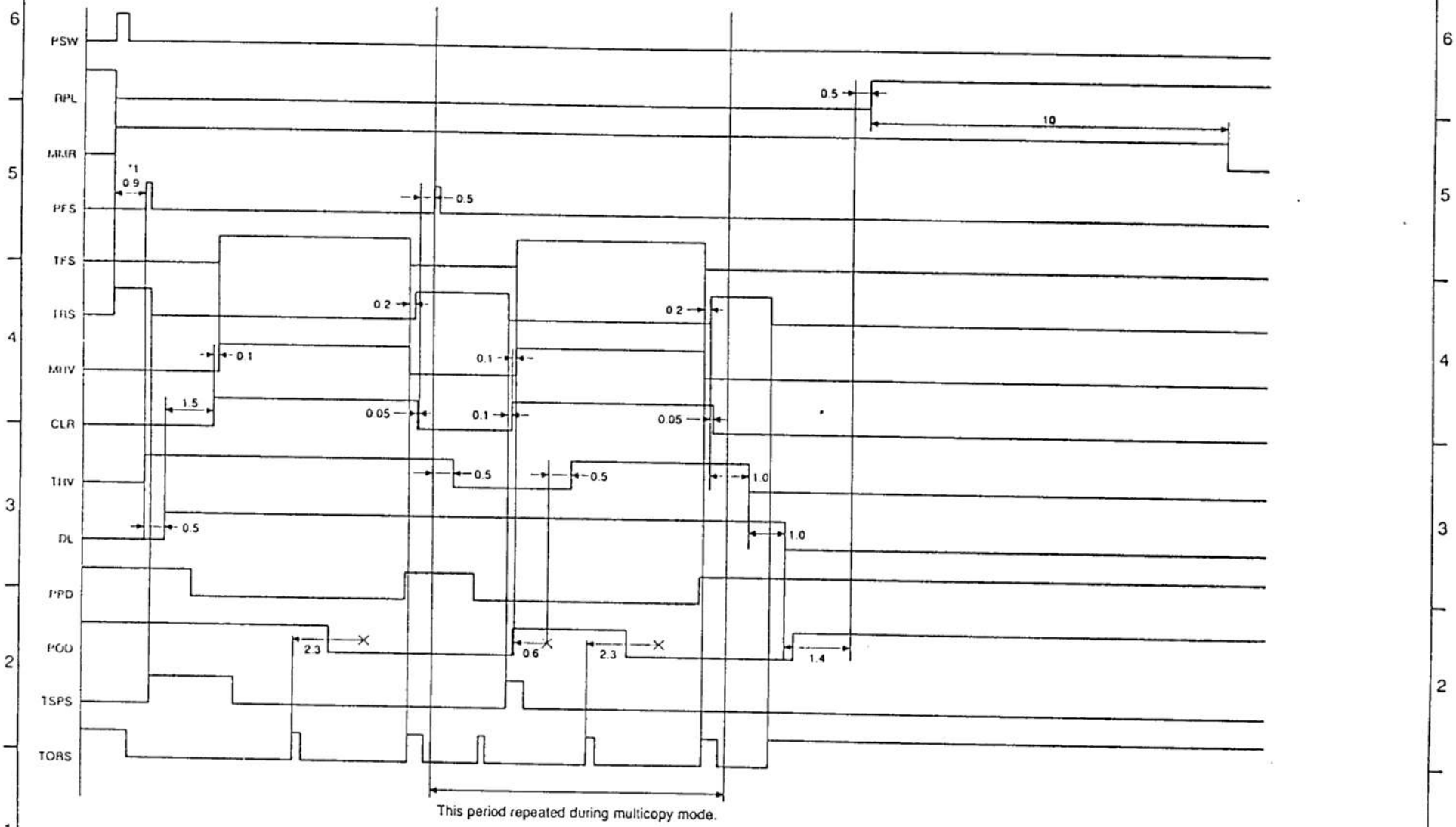
*1: When a high state of WTLL is detected in the auto power save mode (ready lamp flashing), the paper feed solenoid is turned on in 7.6 seconds after the main motor turned on.

TIME CHART 3 A4 (8½ x 11") SIZE, MANUAL FEED COPY

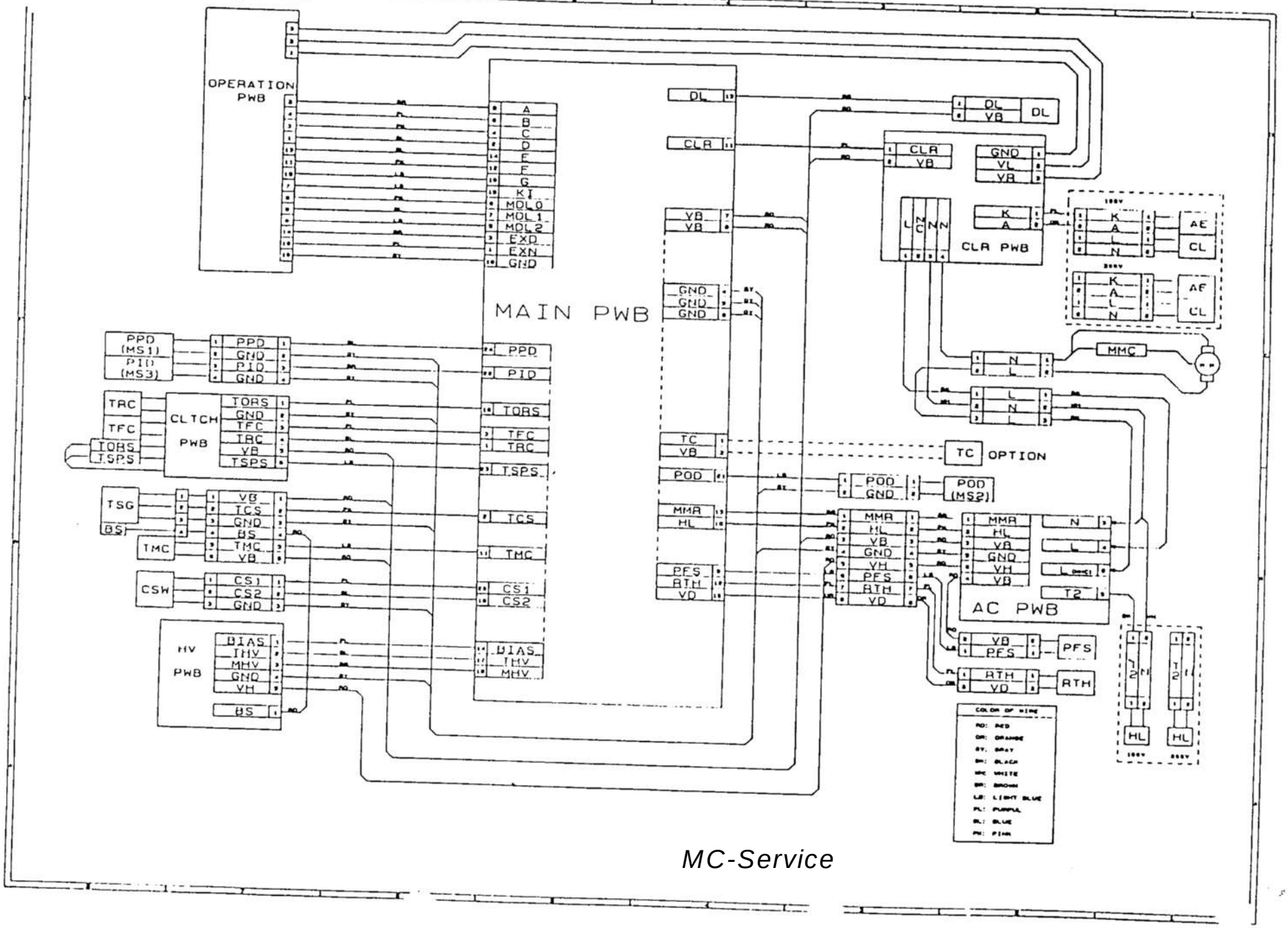


*1: If the PPD should not actuate at the point A and that if it is still off after a lapse of one second, a paper misfeed is established. If turned on, the control proceeds to the procedure after the point A with a lapse of one second.

TIME CHART 4 A4 (8½ x 11") SIZE, MULTI COPY



*1: When a high state of WTLL is detected in the auto power save mode (ready lamp flashing), the paper feed solenoid is turned on in 7.6 seconds after the main motor turned on.


OPERATION PWB
A
B
C
D
E
F
G
K1
MDL0
MDL1
MDL2
EXD
EXN
GND
MAIN PWB
DL
CLR
VB
VB
GND
GND
GND
PPD
PID
TORS
TFC
TRC
TSPS
TC
VB
POD
MMR
HL
PFS
RTH
VD
TCS
TMC
CS1
CS2
BIAS
THV
MHV
DL
VB
DL
CLR
VB
GND
VL
VB
CLR PWB
K
A
N
AE
CL
MMC
N
L
TC OPTION
POD
GND
POD (MS2)
MMR
HL
VB
GND
VH
PFS
RTH
VD
AC PWB
T2
PFS
RTH
HL
PPD (MS1)
PID (MS3)
PPD
GND
PID
GND
TRC
TFC
IORS
TSPS
CLTCH PWB
TSG
BS
TMC
VB
TCS
GND
BS
TMC
VB
CSW
CS1
CS2
GND
HV PWB
BIAS
THV
MHV
GND
VH
BS
COLOR OF WIRE
RD: RED
OR: ORANGE
GY: GRAY
BK: BLACK
WH: WHITE
BR: BROWN
LB: LIGHT BLUE
PU: PURPLE
BL: BLUE
PK: PINK

RT

Z52

SHARP PARTS GUIDE

LISTNA BERNA UCLE20071FCZZ AP

CODE: 00ZZ52P/G//-M

MSPRC1207FCZZ ⇒ MSPRD0642FCZZ
REPAIRPART Z52 -2set

MODEL Z-52

このパーツガイドに掲載されている表示価格ランクは消費税抜きです。

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2 オリジナルテーブル (Original table section)
3 コピーランプユニット (Copy lamp unit)
4 基板ボックス部 (PWB box section)
5 定着部 (Fusing section)
6 上フレーム部 (Upper frame section)
7 下フレーム部 (Lower frame section)
8 クラッチユニット (Clutch unit)
9 カセット (Cassette)
10 梱包材&付属品 (Packing material & Accessories)
11 メイン基板 (Main PWB)
12 CL-コントロール基板 (CL-Control PWB)
13 操作基板 (Operation PWB)
14 DC電源基板 (DC Power supply PWB)

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サービス活動用に作成した資料です。
内容が製品の改良・改善等により予告なく変わることがあります。

SHARP CORPORATION

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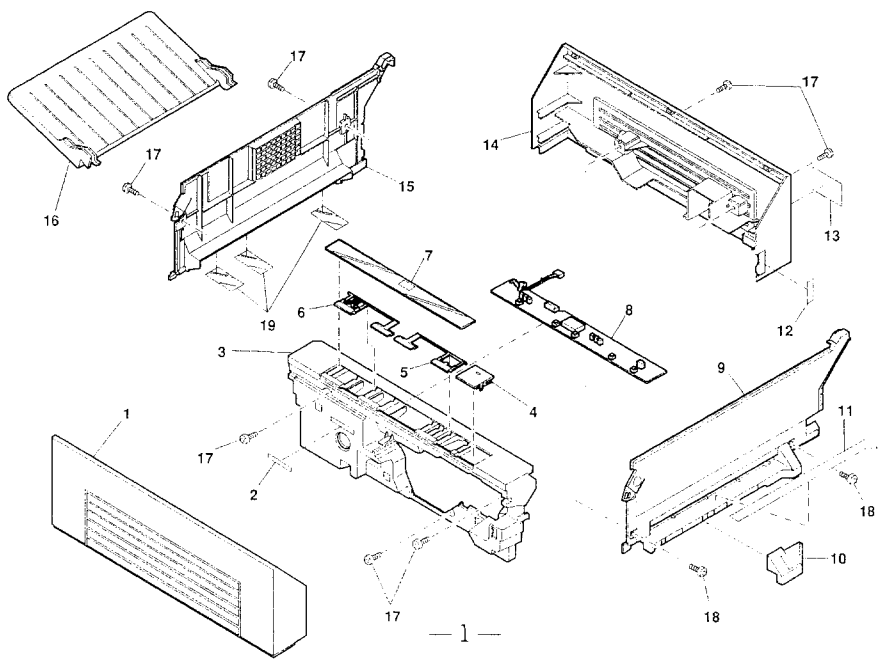
The contents are subject to change without notice.

1 外装(Exterior)

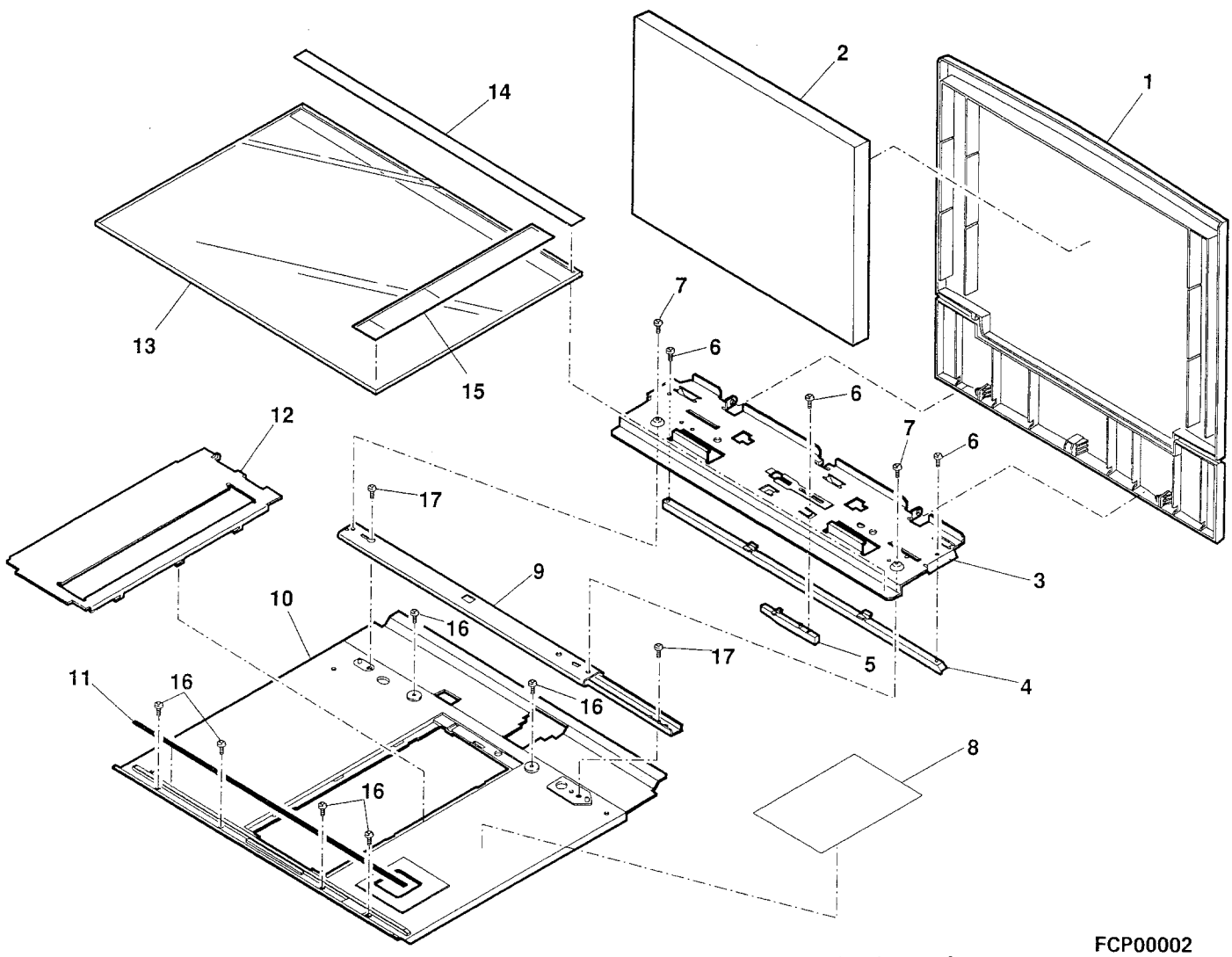
NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	CCAB-0742FC04	AS	FG	N	D		マエキャビ,クロ(コクナイセンヨウ)
	CCAB-0742FC01	AS	FG	N	D	Front exterior,gray	マエキャビ,グレイ
2	TLABZ3024FCZZ	AB	DD	N	C		ボリュームラベル,フロス ティグレイ(コクナイセンヨウ)
	TLABZ3024FCBZ	AB	DD	N	C		ボリュームラベル,クロ (コクナイセンヨウ)
	TLABZ3025FCZZ	AB	DD	N	C	Variable resistor label (SEEG only)	ボリュームラベル
3	HPNLC0206FCBZ	AS	FG	N	D		ソウサパネル,クロ (コクナイセンヨウ)
	HPNLC0206FCZZ	AS	FG	N	D	Operation panel,gray	ソウサパネル,グレイ
4	CBTN-0133FC01	AD	DJ	N	C	Copy button	M6コピーボタン
5	JBTN-0132FCHZ	AC	DJ	N	C		ヨウシサイズキーR,クロ (コクナイセンヨウ)
	JBTN-0132FCZZ	AC	DJ	N	C	Paper size key R	ヨウシサイズキーR
6	JBTN-0131FCHZ	AC	DJ	N	C		ヨウシサイズキーL,クロ (コクナイセンヨウ)
	JBTN-0131FCZZ	AC	DJ	N	C	Paper size key L	ヨウシサイズキーL
7	CFiLW0176FC01	AM	EG	N	B		スモークフィルター,フロス ティグレイ(コクナイセンヨウ)
	CFiLW0176FC04	AM	EG	N	B		スモークフィルター,クロ (コクナイセンヨウ)
	CFiLW0176FC03	AM	EG	N	B	Smoke filter (SEEG only)	スモークフィルター
	CFiLW0176FC02	AM	EG	N	B	Smoke filter (Other countries)	スモークフィルター
8	CPWBF0912FC31	AW	FX	N	E	Operation PWB	M6ソウサキバン
9	GCAB-0741FCBZ	AP	EQ	N	D		ミギキャビ,クロ(コクナイセンヨウ)
	GCAB-0741FCZZ	AQ	EQ	N	D	Right exterior,gray	ミギキャビ,グレイ
10	PGiDH1330FCBZ	AD	DJ	N	D		テサシガイド,クロ (コクナイセンヨウ)
	PGiDH1330FCZZ	AD	DJ	N	C	Manual paper guide,gray	テサシガイド,グレイ
11	TLABZ2994FCBZ	AD	DJ	N	D		テサシラベル,クロ (コクナイセンヨウ)
	TLABZ2994FCZZ	AD	DJ	N	C		M6テサシラベル,フロス ティグレイ(コクナイセンヨウ)
	TLABZ2995FCZZ	AD	DJ	N	D	Manual paper guide label,gray (Inch series)	テサシラベル,グレイ
	TLABZ2996FCZZ	AD	DJ	N	C	Manual paper guide label,gray (AB series)	M6テサシラベル,グレイ
12	TLABZ3023FCZZ	AB	DD	N	C		デンゲンマークラベル,フロス ティグレイ(コクナイセンヨウ)
	TLABZ3023FCBZ	AB	DD	N	C		デンゲンマークラベル,クロ (コクナイセンヨウ)
13	TCAUH0918FCZZ	AA	DA		C	Service caution label (USA,Australia)	サービスチュウイラベル
	TCAUH0687FCZZ	AA	DB		C	Service caution label (CANADA only)	サービスチュウイラベル
	TCAUA0766FCZZ	AB	DB		C	Service caution label (U,Kingdom only)	サービスチュウイラベル
	TCAUH0936FCZZ	AB	DC		C	Service caution label (Export…SEEG•other countries)	サービスチュウイラベル
14	GCAB-0739FCBZ	AS	FG	N	D		ウシロキャビ,クロ (コクナイセンヨウ)
	GCAB-0739FCZZ	AS	FG	N	D	Rear exterior,gray	ウシロキャビ,グレイ
15	GCAB-0740FCBZ	AP	EQ	N	D		ヒダリソクメンキャビ,クロ (コクナイセンヨウ)
	GCAB-0740FCZZ	AP	EQ	N	D	Left side exterior,gray	ヒダリソクメンキャビ,グレイ
16	LSOU-0095FCBZ	AK	EB	N	D		トレー,クロ(コクナイセンヨウ)
	LSOU-0095FCZZ	AK	EB	N	D	Paper tray,gray	トレー,グレイ
17	XHBSF30P08000	AA	DA		C	Screw (3×8)	ビス(Sタイト)
	XEBSF30P08000	AA	DA		C	Screw (3×8)	ビス(Pタイト)
	PSHEP3112FCZZ	AB	DD	N	C	Left side exterior sheet	ヒダリキャビヨウマイラー



FCP00001

2 オリジナルテーブル(Original table section)

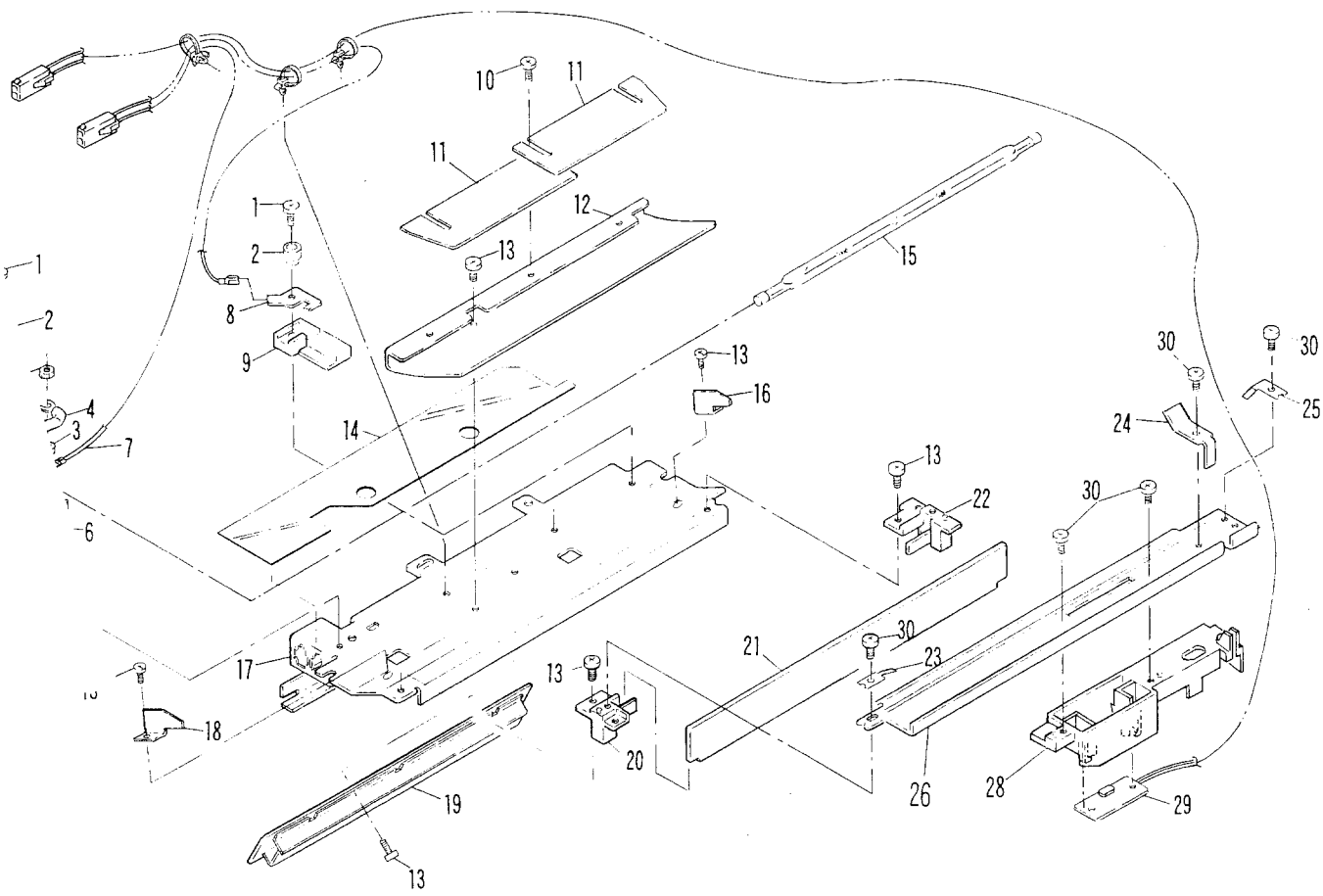
NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	CCOVH0201FC02	AW	FQ	N	D		OCカバー,クロ(コクナイセンヨウ)
	CCOVH0201FC01	AW	FQ	N	D	OC cover,gray	M6OCカバー,グレイ
2	PSHEZ3066FCZZ	AR	EZ	N	C	OC sheet	OCマット M6
3	LPLTM3972FCZZ	AR	EZ	N	C	Glass support plate	ガラスシジイタM6
4	NGERR0381FCZZ	AH	DW		C	Gear	ラック
5	PSPAZ0344FCZZ	AA	DA		C	PS detector block	PSケンチブロック
6	XEBSD30P08000	AA	DA		C	Screw (3×8)	ビス(Pタイト)
7	XHBSE30P08000	AA	DA		C	Screw (3×8)	ビス(Sタイト)
8	TLABH2993FCBZ	AD	DJ	N	D		ソウサセツメイラベル,クロ (コクナイセンヨウ)
	TLABH2993FCZZ	AD	DJ	N	C		ソウサセツメイラベル,フロス ティグレイ(コクナイセンヨウ)
	TLABH3021FCZZ	AD	DJ	N	D	Operation label (USA only)	ソウサセツメイラベル
	TLABH2997FCZZ	AD	DJ	N	C	Operation label (U,Kingdom,Australia)	M6ソウサセツメイラベル
	TLABH2998FCZZ	AE	DS	N	D	Operation label (Other countries…Except SEEG)	ソウサセツメイラベル
9	MSLi-0105FCZZ	AU	FQ	N	C	Slider	M6アキュライド
10	LPLTP3968FCBZ	AW	FQ	N	C		フレームレンケツイタ,クロ (コクナイセンヨウ)
	LPLTP3968FCZZ	AW	FQ	N	C	Frame joint plate,gray	フレームレンケツイタ,グレイ
11	MSLi-0061FCZZ	AD	DF		C	TB slider	TBスライダー
12	LPLTM3973FCBZ	AM	EG	N	C		フレームレンケツホキョウイタ, クロ(コクナイセンヨウ)
	LPLTM3973FCZZ	AM	EG	N	C	Frame joint reinforce plate,gray	フレームレンケツホキョウイタ, グレイ
13	PGLSP0051FCZZ	AW	FR		B	Table glass	テーブルガラス
14	PGiDH0820FCZZ	AD	DH		C	OR guide A	ORガイド A
15	PGiDH0821FCZ1	AH	DX	N	C		M6ORガイド(コクナイセンヨウ)
	PGiDH0830FCZ1	AH	DX	N	C	OR guide (AB series)	M6ORガイド
	PGiDH0829FCZ1	AH	DX	N	C	OR guide (Inch series)	ORガイド
16	XHBSF30P08000	AA	DA		C	Screw (3×8)	ビス(Sタイト)
17	XHBSE30P10000	AA	DA		C	Screw (3×10)	ビス(Sタイト)



FCP00002

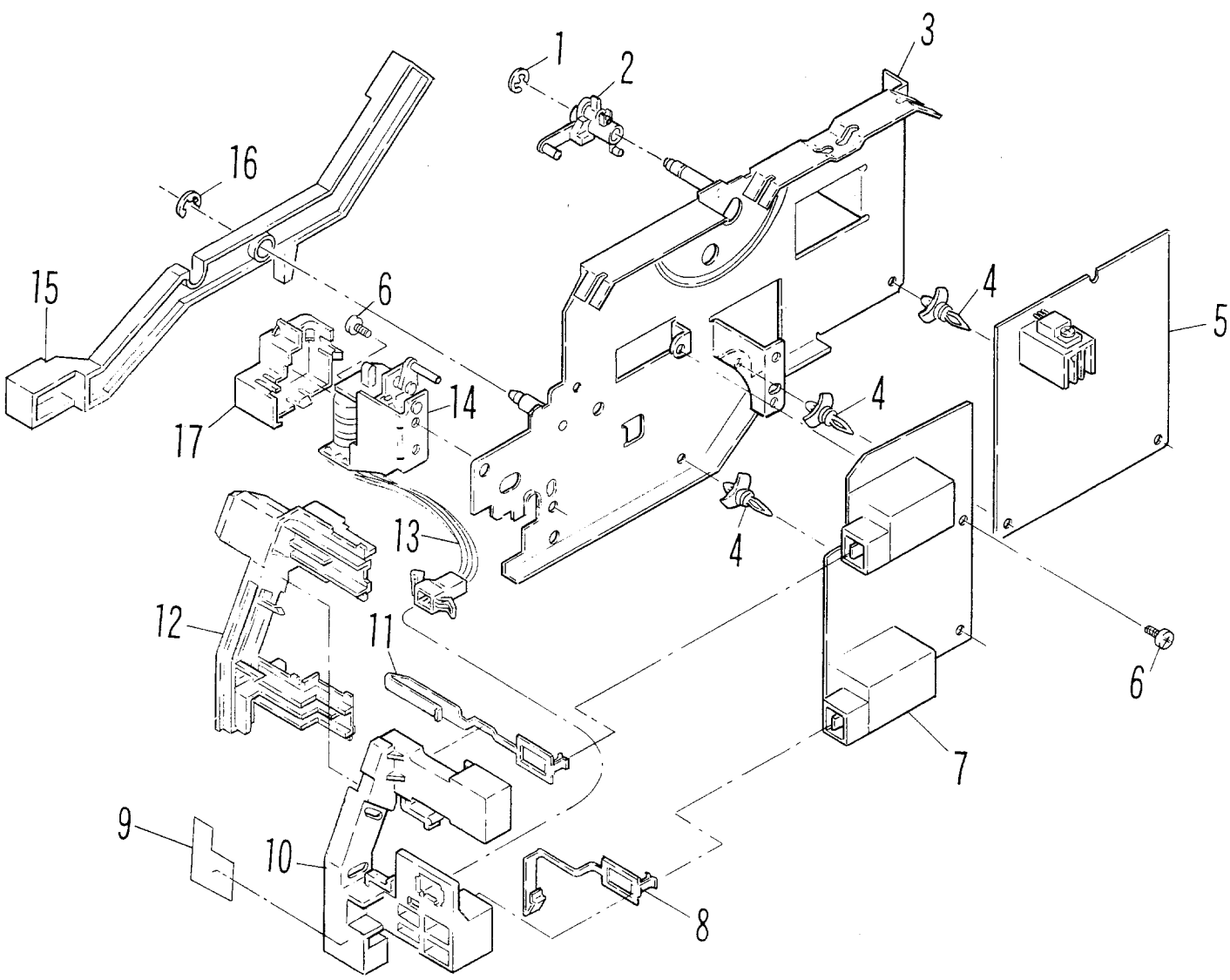
3 コピーランプユニット(Copy lamp unit)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	XBPSD30P16000	AA	DA		C	Screw (3×16)	ビス
2	LX-WZ0123FCZZ	AA	DA		C	Lamp terminal holder washer	ランプセッテンオサエワッシャ
3	XNESD30-24000	AA	DA		C	Nut (3NS)	ナット
4	CFS-T0073FC31	AH	DW		A	Temparature fuse	オンドヒューズ
5	QSLPA0086FCZZ	AD	DG		C	Lamp terminal F	ランプセッテン F
6	LDAiU0269FCZZ	AD	DF		C	Lamp terminal base F	ランプセッテンダイ F
7	DHAi-1220FCZZ	AG	DS		C	CL harness wire	CLハーネスワイヤー
8	QSLPA0087FCZZ	AC	DC		C	Lamp terminal R	ランプセッテン R
9	LDAiU0279FCZZ	AC	DE		C	Lamp terminal base R	ランプセッテンダイ R
10	XBPSF30P06K00	AA	DA		C	Screw (3×6K)	ビス
11	LPLTM2301FCZZ	AC	DD		C	Control plate (100V series)	チョウコウバン
	LPLTM2397FCZZ	AC	DD		C	Control plate (200V series)	チョウコウバン
12	PREFL0112FCZZ	AM	EE		C	Main reflector	メインレフレクター
13	XBPSF30P06000	AA	DA		C	Screw (3×6)	ビス
14	PSHEP1722FCZZ	AD	DG		C	Base plate sheet	ダイバンマイラー
⚠ 15	RLMPU0331FCZZ	AY	FZ		B	Copy lamp (100V series)	コピーランプ
⚠ 15	RLMPU0333FCZZ	AY	FZ		B	Copy lamp (200V series)	コピーランプ
16	PREFL0115FCZZ	AB	DC		C	Side reflector R	サイドレフレクター R
17	CDAiU0268FC01	AL	EC		C	SL base plate	SLダイバン
18	PREFL0114FCZZ	AB	DC		C	Side reflector F	サイドレフレクター F
19	CPWBF0567FC31	AU	FJ		E	Discharge lamp PWB	ジョデンランプキバン
20	LHLDZ0763FCZZ	AC	DE		C	SL holder F	SLホルダー F
21	PLNS-0028FCZZ	BK	HV		B	Lens	レンズ
22	LHLDZ0764FCZZ	AC	DE		C	SL holder R	SLホルダー R
23	MSPRP1168FCZZ	AB	DB		C	SL fixing spring F	SLオサエバネ F
24	PREFL0113FCZ1	AB	DC		C	Reflector	ハンシヤバン N
25	MSPRP1169FCZZ	AB	DB		C	SL fixing spring R	SLオサエバネ R
26	CFiX-0263FC03	AN	EQ	N	C	SL fixing plate (100V series)	M6 SLオサエ
	CFiX-0263FC04	AN	EQ	N	C	SL fixing plate (200V series)	SLオサエ
28	LDAiU0437FCZZ	AE	DS	N	C	AE sensor base	AEセンサーダイM6
29	CPWBF0704FC35	AU	FQ	N	E	AE sensor PWB	M6AEセンサーキバン
30	XCPSF30P06000	AA	DA		C	Screw (3×6)	ビス
31	XBPSD30P08000	AA	DA		C	Screw (3×8)	ビス
	ユニット (Unit)						
⚠ 901	CREFL0112FC41	BT	NU	N	E	Copy lamp unit (100V series)	コピーランプユニット
⚠ 901	CREFL0112FC42	BT	NU	N	E	Copy lamp unit (200V series)	コピーランプユニット



4 基板ボックス部(PWB box section)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	XRESP40-06000	AA	DA		C	E type ring	Eリング
2	CARMP0066FC02	AC	DD		C	PS arm N	PSアームAS N
3	CBOX-0036FC01	AL	EA		C	PWB box	キバン ボックス
4	LSUPP0007FCZZ	AE	DL		C	PWB supporter (LCBS-4N)	キバンサポーター
5	CPWBF0913FC31	BE	HC	N	E	Main PWB	M6メインキバン
6	XHBSE30P08000	AA	DA		C	Screw (3×8)	ビス(Sタイト)
7	RTRNZ0362FCZ1	BF	HE		B	HV transformer PWB	コウアツトランスキバン
8	QSLPA0084FCZZ	AE	DK		C	TC terminal	TCタンシ
9	TCAUH0817FCZZ	AA	DA		C	HT caution label	コウオンチュウイラベル
10	QSOCZ0046FCZZ	AC	DC		B	MC TC socket	MC TCソケット
11	QSLPA0083FCZZ	AE	DK		C	MC terminal	MCタンシ
12	PCOVP0709FCZZ	AC	DE		C	MC TC cover	MC,TCカバー
13	DHAi-1228FCZZ	AC	DE		C	Counter interface harness	カウンターチュウケイハーネス
14	KCOUM0023FCZZ	AP	EN		D	DR counter	DRカウンター
15	LPLTP3971FCZZ	AE	DJ	N	C	PS joint plate	PSレンケツバンM6
16	XRESP50-06000	AA	DA		C	E type ring	Eリング
17	PCOVP0727FCZZ	AB	DC		C	Counter cover	カウンターカバー



5 定着部(Fusing section)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	LFRM-0417FCZZ	AD	DF		C	Fusing frame R	テイチャクフレーム R
2	XHBSE30P08000	AA	DA		C	Screw (3×8)	ビス(Sタイト)
3	NBRGP0259FCZZ	AE	DK		C	Fusing bearing	テイチャクジクウケ
4	NGERH0401FCZZ	AC	DD		C	Fusing gear	テイチャクギヤー
5	LSTPP0116FCZZ	AA	DA		C	Roller stopper	ローラーストッパ A2
6	XBPBN40P10K00	AA	DA		C	Screw (4×10K)	ビス
7	MSPRP1148FCZZ	AC	DD		C	Lamp spring R	ランプバネ R
8	LDAiU0264FCZZ	AC	DE		C	Lamp spring base	ランプバネダイ
9	XNEBN40-24000	AA	DA		C	Nut	ナット
10	DHAi-1600FCZZ	AF	DN		C	HL interface harness A (100V series)	HLチュウケイハーネス A
	DHAi-1600FC11	AF	DN		C	HL interface harness A (200V series)	HLチュウケイハーネス A
11	LBNDJ0026FCZZ	AA	DA		C	Band (T-18R)	ケッソクバンド
12	CCOVQ0712FC01	AM	EF		C		テイチャクカバー(コクナイセンヨウ)
	CCOVQ0712FC04	AM	EF		C	Fusing cover (USA,U.Kingdom,Australia)	テイチャクカバー (エイブン)
	CCOVQ0712FC03	AM	EF		C	Fusing cover (Other countries)	テイチャクカバー (4ケコク)
13	MSPRT1146FCZZ	AA	DA		C	Spring,separator pawl	ハクリツメヨウスプリング
14	CTME-0159FC01	AG	DS		C	Separator pawl	ハクリツメ
15	PGiDH1333FCZZ	AK	EB	N	C	Fusing paper guide	テイチャクペーパーガイド
16	PBRSR0061FCZZ	AH	DW		B	Discharge brush	ショデンブラシ
17	MLEVP0383FCZZ	AC	DD		C	MS2 ACC lever	MS2ヨウACCレバー
18	PRNGP0031FCZZ	AA	DA		C	Ring (φ2)	リング
19	CDTCT0073FC31	AQ	EU		B	Thermistor	サーミスター
20	XNESD30-24000	AA	DA		C	Nut	ナット
21	LPLTM2278FCZZ	AC	DC		C	Thermal breaker fixing plate	サーモスタットトリツケバン
22	RTHM-0009FCZZ	AK	EA		B	Thermostat	Cjサーモスタット
23	XBPSD30P06K00	AA	DA		C	Screw (3×6K)	ビス
24	NROLT0799FCZZ	AY	FZ		C	Heat roller	M5ヒートローラー
⚠ 25	RLMPU0323FCZZ	AX	FW		B	Heater lamp (100V)	ヒーターランプ
⚠	RLMPU0329FCZZ	AX	FX		B	Heater lamp (110V)	ヒーターランプ
⚠	RLMPU0324FCZZ	AX	FW		B	Heater lamp (120V)	ヒーターランプ
⚠	RLMPU0325FCZZ	AX	FX		B	Heater lamp (127V)	ヒーターランプ
⚠	RLMPU0327FCZZ	AX	FW		B	Heater lamp (220V)	ヒーターランプ
⚠	RLMPU0328FCZZ	AX	FW		B	Heater lamp (240V)	ヒーターランプ
26	PGiDH0826FCZ1	AD	DG		C	Fusing paper guide A	テイチャクペーパーガイド A
27	LFRM-0416FCZZ	AD	DF		C	Fusing frame F	テイチャクフレーム F
28	JHNDP0071FCZZ	AB	DB		C	Fusing handle	テイチャクトッテ
29	MSPRP1147FCZZ	AC	DE		C	Lamp SP	ランプバネ F
30	PCOVP0713FCZZ	AE	DK		C	Lamp cover F	ランプカバーF
31	XNESD40-24000	AA	DA		C	Nut	ナット
32	DHAi-1193FCZZ	AD	DG		C	HL interface harness C (100V series)	HLチュケイハーネス C
	DHAi-1193FC12	AD	DG		C	HL interface harness C (200V series)	HLチュケイハーネス C
33	XBPSD40P08K00	AA	DA		C	Screw (4×8)	ビス
34	XRESP50-06000	AA	DA		C	E type ring	Eリング
35	PSHEP3109FCZZ	AB	DD	N	C	Fusing protect sheet F (200V series)	テイチャクホゴマイラーF
36	PSHEP3110FCZZ	AB	DD	N	C	Fusing protect sheet R (200V series)	テイチャクホゴマイラーR
	ユニット (Unit)						
⚠	DUNTW6514FCZZ	BP	MB	N	E	(100V)	テイチャクユニット (コクナイセンヨウ)
⚠	DUNTW6514FC11	BP	MB	N	E	Fusing unit (110V)	テイチャクユニット
⚠	DUNTW6514FC12	BP	MB	N	E	Fusing unit (120V··USA only)	テイチャクユニット
⚠ 901	DUNTW6514FC13	BP	MB	N	E	Fusing unit (120V··CANADA,others)	テイチャクユニット
⚠	DUNTW6514FC14	BQ	MB	N	E	Fusing unit (127V)	テイチャクユニット
⚠	DUNTW6514FC15	BP	MB	N	E	Fusing unit (220V)	テイチャクユニット
⚠	DUNTW6514FC16	BP	MB	N	E	Fusing unit (240V··Australia,U,Kingdom)	テイチャクユニット
⚠	DUNTW6514FC17	BP	MB	N	E	Fusing unit (240V··Other countries)	テイチャクユニット

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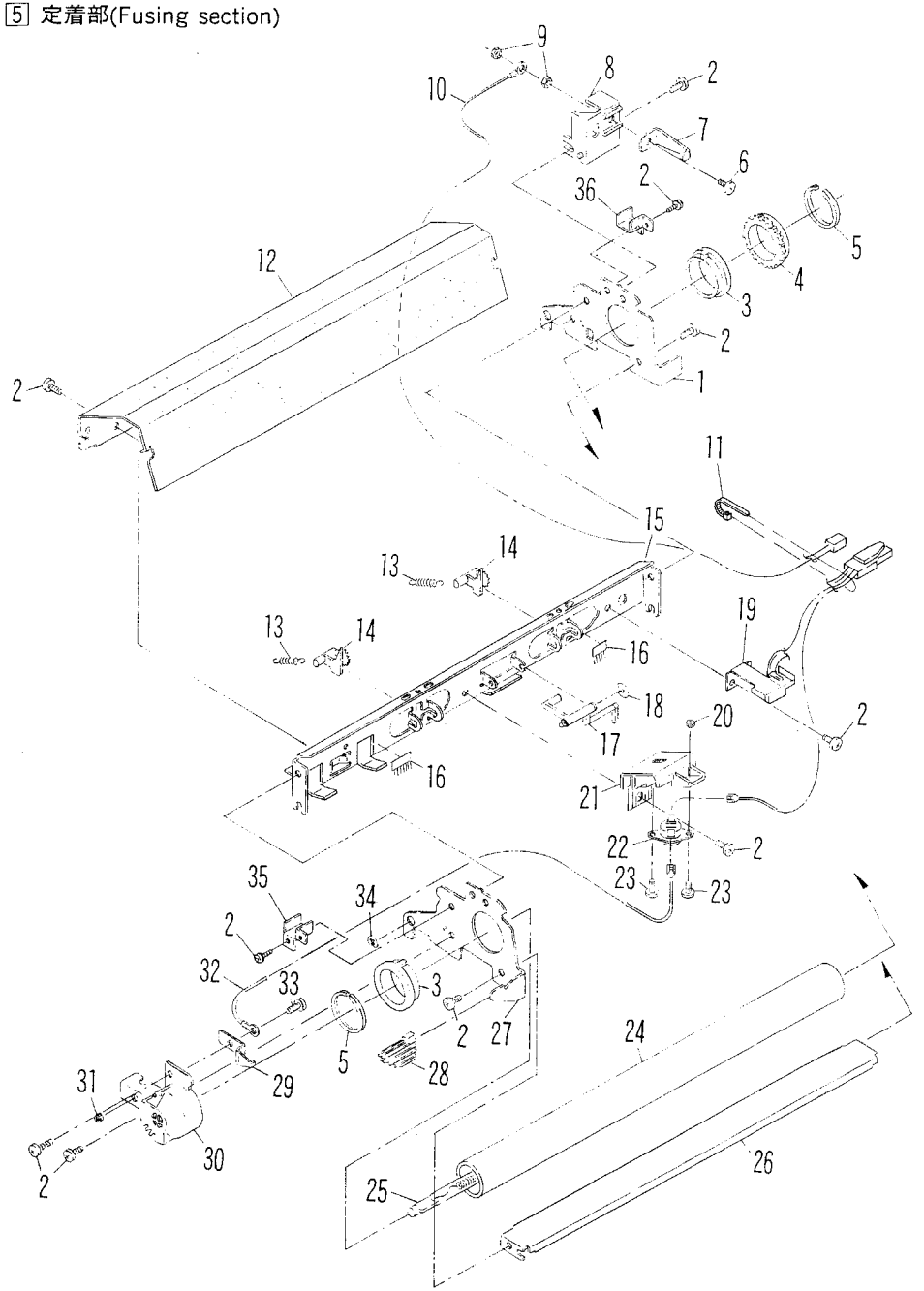
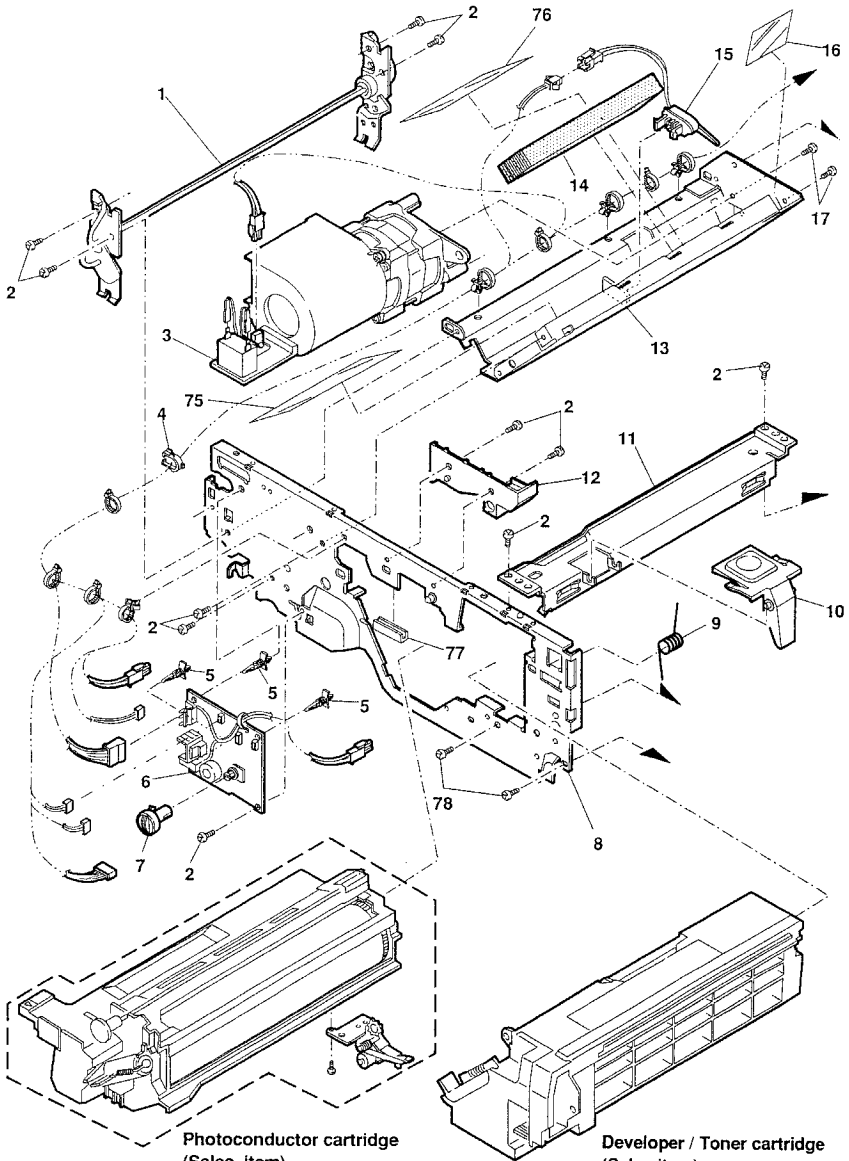
5 定着部(Fusing section)



6 上フレーム部(Upper frame section)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	CSPRB1136FC02	A V	F N		C	Torsion spring	トーションユニット
2	XHBSE30P08000	A A	D A		C	Screw (3×8)	ビス(Sタイト)
⚠	CMOTC0674FC31	B M	L J	N	E	(100V/50Hz)	メインモーター(コクナイセンヨウ)
⚠	CMOTC0675FC31	B M	L J	N	E		
⚠ 3	CMOTC0676FC31	B M	L J	N	E	Main motor (100V/60Hz)	メインモーター
⚠	CMOTC0675FC32	B M	L E	N	E	Main motor (110V/60Hz)	メインモーター
⚠	CMOTC0677FC31	B M	L E	N	E	Main motor (120V/60Hz)	メインモーター



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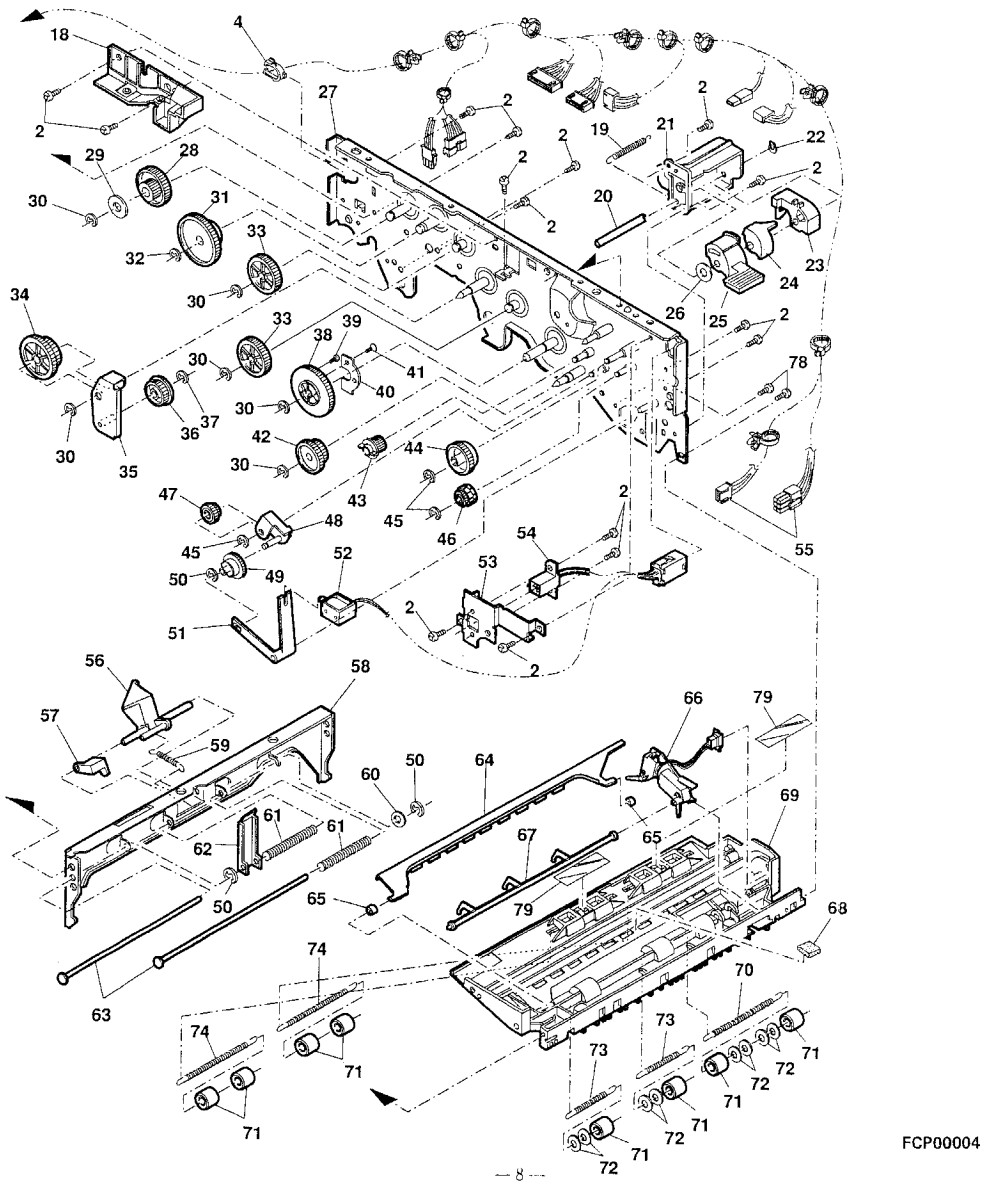
6 上フレーム部(Upper frame section)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
⚠	CMOTC0677FC32	B M	L E	N	E	Main motor (127V/60Hz)	メインモーター
⚠ 3	CMOTC0679FC31	B N	L P	N	E	Main motor (220V/50Hz)	メインモーター
⚠	CMOTC0680FC31	B M	L J	N	E	Main motor (220V/60Hz)	メインモーター
⚠	CMOTC0681FC31	B M	L J	N	E	Main motor (240V/50Hz)	メインモーター
4	LBSHC0213FCZZ	A A	D A		C	Harness bushing	ハーネスブッシング
5	LSUPP0007FCZZ	A E	D L		C	PWB supporter (LCBS-4N)	キバンサポーター
⚠ 6	CPWBF0552FC51	B E	H C	N	E	CL-control PWB (100V series)	CLーコントロールキバン
⚠	CPWBF0552FC52	B E	H C	N	E	CL-control PWB (200V series)	CLーコントロールキバン



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6 上フレーム部(Upper frame section)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
7	JKNBP0119FCBZ	AC	DJ	N	D		ロコウチョウセイツマミ,クロ (コクナイセンヨウ)
	JKNBP0119FCZZ	AC	DJ	N	C	Expose adjust knob,gray	ロコウチョウセイツマミ,グレイ
8	CFRM-0412FC32	AQ	ER		C	Upper frame F unit (This includes №2,4,12)	ウエフレーム F ユニット (NO2,4,12フクム)
9	MSPRC1127FCZZ	AA	DA		C	Lock spring	ロックスプリング
10	MLEVP0575FCBZ	AE	DS	N	C		OPレバー,クロ(コクナイセンヨウ)
	MLEVP0575FCZZ	AE	DS	N	C	OP lever,gray	OPレバー,グレイ
11	PGiDH0828FCZZ	AG	DS		C	DV guide	DV ガイド
12	LHLDZ0753FCZ1	AC	DE		C	SLA holder F	SLAホルダーF
13	PCOVP0711FCZZ	AM	EE		C	Motor cover	モータカバー
14	PFiLZ0164FCZZ	AH	DW		B	Ozone filter	オゾンフィルター
15	QSW-M0440FCZZ	AN	EG	N	B	Microswitch	マイクロスイッチ
16	PSHEP2651FCZZ	AB	DB		C	Motor cover sheet B	モーターカバマイラーB
17	XHBSE40P10000	AA	DA		C	Screw (4×10)	ビス(Sタイト)
18	LHLDZ0754FCZZ	AC	DE		C	SLA holder R	SLAホルダーR
19	MSPRT1150FCZZ	AA	DA		C	MSW spring A	MSWスプリングA
20	NSFTZ0863FCZZ	AC	DE		C	MSW shaft	MSWジク
21	LHLDZ0758FCZZ	AD	DH		C	MSW holder	MSWホルダー
22	PRNGP0019FCZZ	AA	DA		C	G ring 6 (G6)	Gリング 6
23	MLEVP0574FCZZ	AD	DJ	N	C	MSW lever	MSWアクチユエタM6
24	MCAMP0061FCZZ	AC	DC		C	Pawl rotation cam	ツメカイテンカム
25	MLEVP0573FCBZ	AE	DJ	N	C		MSWレバー,クロ(コクナイセンヨウ)
	MLEVP0573FCZZ	AE	DJ	N	C	MSW lever,gray	MSWレバー,グレイ
26	LX-WZ0288FCZZ	AA	DA		C	Washer	ワッシャ
27	CFRM-0720FC01	AY	GD	N	C	Upper frame R	ウエフレームR
28	CGERH0392FC01	AE	DK		C	Gear (22/47T)(50Hz)	ギヤー
	CGERH0391FC01	AE	DK		C	Gear (22/50T)(60Hz)	ギヤー
29	LX-WZ0198FCZZ	AA	DA		C	Washer	ワッシャ
30	XRESP70-08000	AA	DA		C	E type ring	Eリング
31	NGERH0454FCZ1	AE	DK		C	Gear (20/59T)	ギャー
32	XRESP80-08000	AA	DA		C	E type ring	Eリング
33	NGERH0393FCZ1	AC	DD		C	Gear (37T)	ギャー
34	NGERH0395FCZZ	AC	DD		C	Gear (30/42T)	ギヤー
35	CPLTM2272FC01	AE	DM		C	Fusing joint plate	テイチヤクレンケツバン
36	NGERH0394FCZZ	AB	DC		C	Gear (24T)	24Tギヤー
37	XRESP50-06000	AA	DA		C	E type ring	Eリング
38	NGERH0397FCZZ	AC	DD		C	Gear (50T)	ギヤー
39	LPiNS0148FCZZ	AA	DA		C	Pin (φ3-L9)	ピン
40	MSPRC1139FCZZ	AB	DB		C	Drum drive spring	DRクドウスプリング
41	XUBUZ30P06000	AA	DA		C	Screw (3×6)	ビス
42	CGERH0396FC01	AD	DH		C	Gear (18/39T)	ギヤー
43	CGERH0807FC01	AF	DS	N	C	DV gear (18T)	DVギヤ18T M6
44	NGERH0812FCZZ	AC	DJ	N	C	Gear (29/32T)	M6 29/32Tギヤ
45	XRESP40-06000	AA	DA		C	E type ring	Eリング
46	NGERH0806FCZZ	AD	DJ	N	C	Gear	カンケツギヤ M6
47	NGERH0811FCZZ	AC	DD	N	C	Gear (20/24T)	M6 20/24Tギヤ
48	CPLTM3977FC01	AE	DS	N	C	Gear plate	M6カンケツギヤイタ
49	NGERH0808FCZZ	AD	DJ	N	C	Gear A	カンケツギヤA M6
50	XRESP30-05000	AA	DA		C	E type ring	Eリング
51	MARMP0143FCZZ	AD	DJ	N	C	Solenoid arm	ソレノイドアームM6
52	RPLU-0273FCZZ	AM	EG	N	B	Toner solenoid	M6トナーソレノイド
53	LHLDZ1068FCZZ	AE	DS	N	C	Connector holde	コネクターホルダーM6
54	DHAi-1997FCZZ	AN	EQ	N	C	TMC interface harness	M6TMCチュウケイハーネス
55	DHAi-2004FCZZ	BA	GJ	N	C	Upper frame harness (100V series)	M6ウエフレームハーネス
	DHAi-2004FC11	BB	GN	N	C	Upper frame harness (200V series)	M6ウエフレームハーネス
56	MLEVP0463FCZ1	AC	DD		C	DV unit detect lever	DVユニットケンチレバー
57	MLEVP0547FCZZ	AD	DF		C	DV unit detect sub lever	DVユニットケンチホジョレバー
58	LPLTM2270FCZ1	AP	EP		C	Lock plate	ロックバン
59	MSPRC1489FCZZ	AB	DB		C	DV detect lever spring	DVケンチレバースプリング
60	XWHSD40-08000	AA	DA		C	Washer	ワッシャ
61	MSPRT1138FCZZ	AA	DA		C	DSW spring	DSWスプリング
62	MSLi-0059FCZZ	AA	DA		C	L slide plate	Lスライドバン
63	NSFTZ1189FCZZ	AC	DC		C	DSW shaft	DSWジク
64	LPLTM2274FCZZ	AD	DG		C	PS plate	PS バン
65	NBRGP0258FCZZ	AA	DA		C	PS bearing	PSイタヨウジクウケ
66	QSW-L0306FCZZ	AU	FK		B	Reed switch	リードスイッチ
67	MARMP0068FCZZ	AB	DB		C	Manual paper feed arm	テサシアーム
68	PCUSF0165FCZZ	AA	DA		C	Cushion	ショウオンクッション
69	PGiDM1331FCZZ	AQ	EQ	N	C	Paper guide C	ペーパーガイドC
70	MSPRT1141FCZZ	AA	DA		C	Roller spring B	ローラーヨウスプリング B
71	NROLP0529FCZZ	AA	DA		C	Roller N	ローラー N
72	XWHSD40-08100	AA	DA		C	Washer (φ4)	ワッシャ
73	MSPRT1153FCZZ	AA	DA		C	Roller spring A	ローラーヨウスプリング A
74	MSPRT1142FCZZ	AA	DA		C	Roller spring C	ローラーヨウスプリング C
75	PSHEP3102FCZZ	AB	DD	N	C	Motor cover sub sheet F (200V series)	モーターカバーホジョシート F
76	PSHEP3103FCZZ	AB	DD	N	C	Motor cover sub sheet R (200V series)	モーターカバーホジョシート R
77	LBSHC0133FCZZ	AA	DA		C	Bushing (200V series)	ブッシング
78	XEBSD30P08000	AA	DA		C	Screw (3×8)	ビス(Pタイト)
79	PSHEZ3111FCZZ	AB	DD	N	C	Roller protect sheet	ローラーホゴシート

7 下フレーム部(Lower frame section)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	XHBSE30P08000	AA	DA		C	Screw (3×8)	ビス(Sタイト)
2	XEBSD40P12000	AA	DA		C	Screw (4×12)	ビス(Pタイト)
3	XHBSE40P10000	AA	DA		C	Screw (4×10)	ビス(Sタイト)
4	PCOVP1112FCZZ	AL	EG	N	C	Power supply unit cover	デンゲンユニットカバー
5	LPLTM3980FCZZ	AC	DJ	N	C	Power connector fixing plate (100V series)	デンゲンコネクタートリツケイタ
	CPLTM3980FC01	AF	DS	N	C	Power connector fixing plate (200V series)	デンゲンコネクタートリツケイタ
6	DHAi-2005FCZZ	AS	FG	N	C	Lower frame harness (100V series)	M6シタフレームハーネス
	DHAi-2005FC11	AS	FG	N	C	Lower frame harness (200V series)	シタフレームハーネス
⚠	CPWBN0914FC31	BG	HL	N	E	(100V)	DCデンゲンキバン
⚠	CPWBN0914FC32	BG	HL	N	E	DC power supply PWB (110V)	DCデンゲンキバン
⚠	CPWBN0914FC33	BG	HL	N	E	DC power supply PWB (120V)	DCデンゲンキバン
⚠	CPWBN0914FC34	BK	HV	N	E	DC power supply PWB (127V)	DCデンゲンキバン
⚠	CPWBN0916FC31	BK	HV	N	E	DC power supply PWB (220V)	DCデンゲンキバン
⚠	CPWBN0916FC32	BK	HV	N	E	DC power supply PWB (240V)	DCデンゲンキバン
8	QSW-M0296FCZZ	AM	EF		B	Microswitch (Power SW)	マイクロスイッチ
9	LHLDZ1069FCZZ	AK	EB	N	C	Terminal holder	タンシホルダーM6
10	CSOCN0047FC36	AP	EQ	N	E	Inlet	M6インレット
11	XBPBZ40P06K00	AA	DA		C	Screw (4×6K)	ビス
12	LBNDJ0013FCZZ	AA	DD		C	Band (200V series)	ケッソクバンド
13	RPLU-0274FCZZ	AP	EQ	N	B	PF clutch solenoid	M6PFクラッチソレノイド
14	LBOSZ0849FCZZ	AC	DD		C	Gear boss	ギヤーヨウボス
15	NGERH0382FCZZ	AB	DB		C	Gear (16T)	16Tギヤー
16	NBRGC0444FCZZ	AB	DD	N	C	PF bearing	M6キュウシジクウケ
17	XPSSD20-10000	AA	DD	N	C	Pin	ピン
18	XRESP40-06000	AA	DA		C	E type ring	Eリング
19	NGERH0384FCZZ	AE	DK		C	Gear (27T)	27Tギヤー
20	PPiPP0095FCZZ	AB	DB		C	CL sleeve	CLスリーブ
21	MSPRC1152FCZZ	AE	DJ		C	Clutch spring	クラッチスプリング
22	NGERH0385FCZZ	AD	DG		C	Clutch gear (36/38T)	クラッチギヤー
23	NGERH0383FCZZ	AB	DB		C	Gear (26T)	ギヤー
24	MARMP0065FCZZ	AB	DB		C	Joint arm	レンケツアーム
25	MSPRT1128FCZZ	AA	DA		C	Joint spring	レンケツスプリング
26	XRESP50-06000	AA	DA		C	E type ring	Eリング
27	MSPRT1907FCZZ	AC	DD	N	C	Pressure spring	M6アッチャクスプリング
28	MLEVF0577FCZZ	AF	DS	N	C	Pressure lever R	M6アッチャクレバーR
29	CFRM-0721FC01	AS	FG	N	C	Lower frame R	シタフレームR M6
30	NBRGP0260FCZZ	AC	DE		C	Pressure bearing	アッチャクジクウケ
31	NROLi0519FCZ1	AX	FU		C	Pressure roller	アッチャクローラー
32	LPLTM2271FCZZ	AD	DF		C	Drum cartridge hold plate	DRカートリッジイタ
33	PGiDH0824FCZZ	AK	DY		C	Separator guide	ハクリガイド
34	CFRM-0719FC01	AS	FG	N	C	Lower frame F	シタフレームF
35	MLEVF0576FCZZ	AF	DS	N	C	Pressure lever F	M6アッチャクレバーF
36	LPLTM3974FCZZ	AH	DX	N	C	Scraper	スクレーパーM6
37	GLEGP0025FCZZ	AA	DA		C	Rubber foot	ゴムアシ
38	NROLR0890FCZZ	AM	EG	N	C	PF roller C	M6PFローラーC N
39	NROLR0515FCZZ	AQ	EV		C	PF roller B	PFローラー B
40	CROLR0514FC01	AM	EF		C	PF roller A	PFローラー A
41	GDAi-0155FCBZ	AG	DX	N	D		カセットダイ,クロ (コクナイセンヨウ)
	GDAi-0155FCZZ	AG	DX	N	D	Cassette base,gray	カセットダイ,グレイ
42	XEBSF30P08000	AA	DA		C	Screw (3×8)	ビス(Pタイト)
43	LFRM-0718FCBZ	BC	GN	N	C		シタフレームダイイタ,クロ (コクナイセンヨウ)
	LFRM-0718FCZZ	BC	GN	N	C	Lower frame base plate,gray	シタフレームダイイタ,グレイ
44	LX-WZ0313FCZZ	AA	DD	N	C	Washer	ワッシャ
45	PSHEP3105FCZZ	AC	DD	N	C	Sheet	リブマイラー
51	PSHEP1603FCZZ	AC	DE		C	Paper guide B sheet	ペーパーガイドBヨウマイラー
52	PSHEP1721FCZZ	AD	DF		C	Paper guide B lower sheet	ペーパーガイドBヨウマイラー シタ
53	PBRSR0107FCZZ	AA	DA		B	Discharge brush	ジョデンブラシ
54	PGiDH1334FCZZ	AE	DS	N	C	Paper guide B	ペーパーガイドB
55	XHBSF30P06000	AA	DA		C	Screw (3×6)	ビス(Sタイト)
56	PCASZ0226FCZZ	AG	DX	N	C	TC case	TCケース M6
57	LHLDZ0752FCZZ	AD	DG		C	TC holder R	TCホルダーR
58	MSPRT1130FCZZ	AB	DC		C	TC holder spring	TCホルダースプリング
59	LHLDZ0751FCZZ	AB	DC		C	TC holder F	TCホルダーF
60	DWiR-0466CSZZ	BG	GZ		A	Charger wire	チャージャーセン
61	XCPSD30P06000	AA	DB		C	Screw (3×6)	ビス
501	CCASZ0226FC31	AU	FQ	N	E	TC case unit	TCケース ユニット

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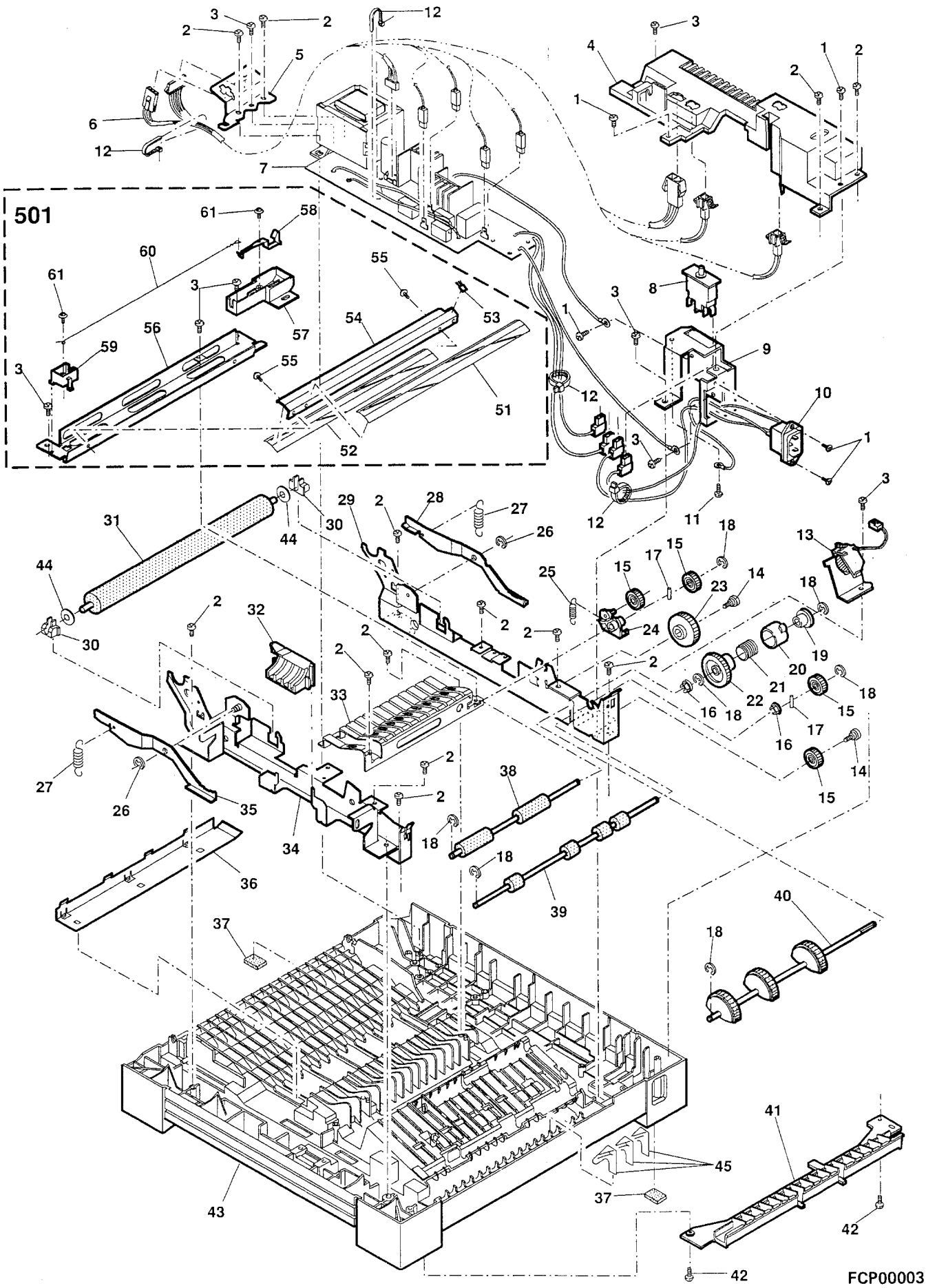
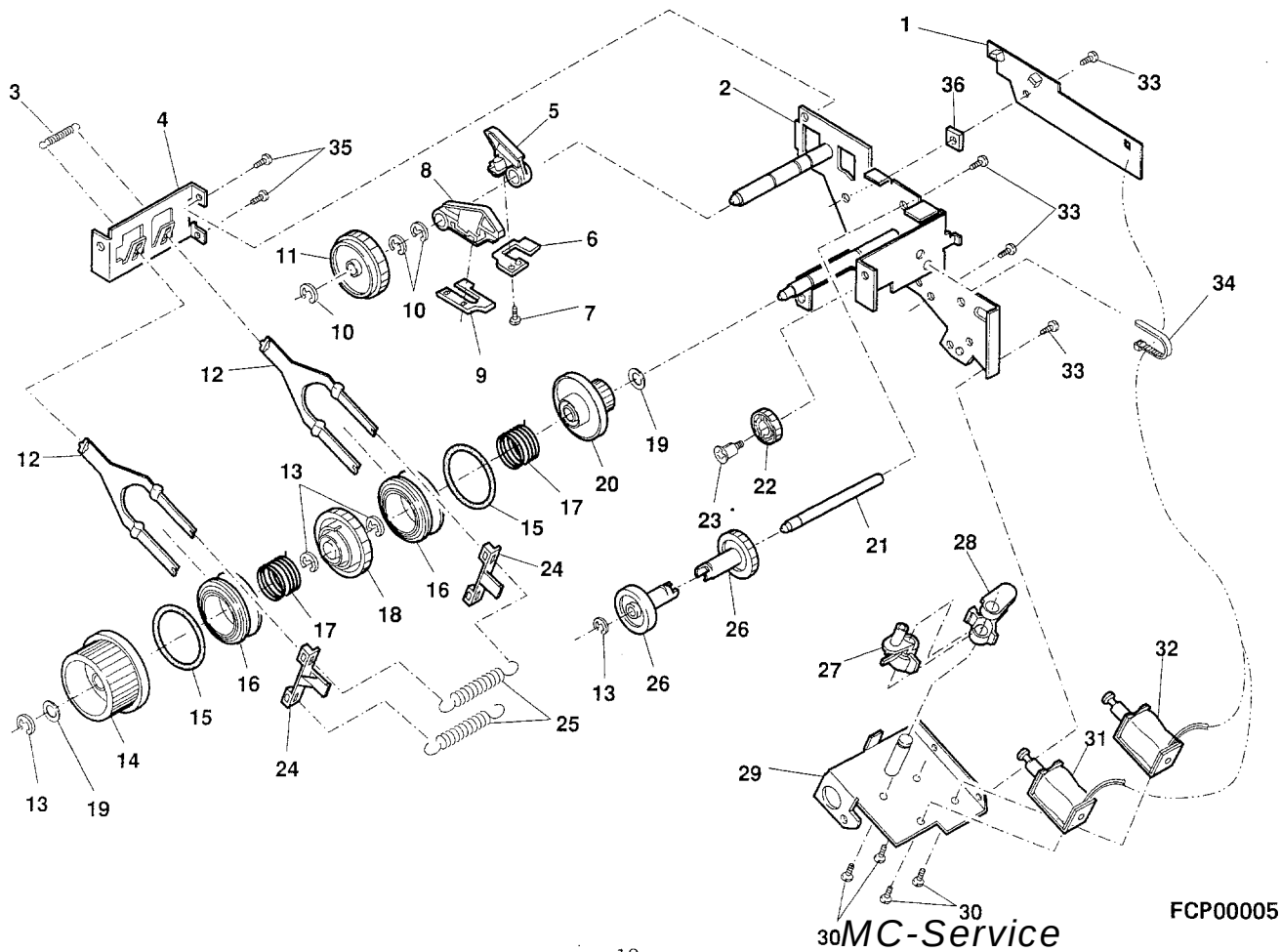
7 下フレーム部(Lower frame section)



8 クラッチユニット(Clutch unit)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	CPWBF0917FC31	AP	EQ	N	E	Clutch PWB	M6クラッチキバン
2	CFRM-0723FC01	AU	FQ	N	C	Clutch frame	M6クラッチフレーム
3	MSPRC1918FCZZ	AA	DD	N	C	Pressuure arm spring	アツセツアームスプリング
4	LFRM-0725FCZZ	AU	FQ	N	C	Clutch frame 3	CLCフレーム3
5	MLEVP0579FCZZ	AC	DD	N	C	MS4 lever	M6MS4アクチユエタ
6	MSPRP1912FCZZ	AB	DD	N	C	MS4 detect spring	M6MS4ケンチスプリング
7	XJBSD30P05000	AA	DA		C	Screw (3×5)	ビス(Bタイト)
8	MLEVP0580FCZZ	AC	DD	N	C	MS5 lever	M6MS5アクチユエタ
9	MSPRP1913FCZZ	AB	DD	N	C	MS5 detect spring	M6MS5ケンチスプリング
10	XRESP60-08000	AA	DA		C	E type ring	Eリング
11	NGERH0390FCZZ	AB	DC		C	Gear (32T)	ギヤー
12	MARMM0144FCZZ	AC	DJ	N	C	Pressure arm A	M6アツセツアームA
13	XRESP40-06000	AA	DA		C	E type ring	Eリング
14	NGERH0814FCZZ	AF	DS	N	C	F gear (36T)	M6 Fギヤ36T
15	PRNGP0024FCZZ	AC	DC		C	O Ring	Oリング
16	PPiPP0056FCZZ	AC	DD		C	Clutch sleeve	クラッチスリーブ
17	MSPRC1207FCZZ	AE	DK		C	Clutch spring	クラッチ スプリング
18	NGERH0813FCZZ	AC	DJ	N	C	Gear (36T)	シュツリョクギヤ36T
19	LX-WZ0309FCZZ	AA	DD	N	C	Washer	ワッシャ
20	NGERH0815FCZZ	AE	DJ	N	C	R gear (18T)	M6 Rギヤ18T
21	LBOSZ1392FCZZ	AE	DS	N	C	R idle boss	Rアイドルボス
22	NGERH0382FCZZ	AB	DB		C	Gear (16T)	16Tギヤー
23	LBOSZ0849FCZZ	AC	DD		C	Gear boss	ギヤーヨウボス
24	MARMP0098FCZZ	AC	DD	N	C	Pressure arm B	アッセツアーム B
25	MSPRC1917FCZZ	AA	DD	N	C	Pressuure arm return spring	アツセツアームフッキスプリング
26	NGERH0816FCZZ	AC	DJ	N	C	Idle gear (22T)	M6 アイドルギヤ22T
27	MARMP0112FCZZ	AB	DC		C	Arm R	アームR
28	MARMP0099FCZZ	AB	DC		C	F.R arm	F.Rアーム
29	CFRM-0724FC01	AM	EG	N	C	Clutch frame 2	CLCフレーム2
30	XBBSD26P04000	AA	DA		C	Screw (2.6×4)	ビス
31	RPLU-0275FCZZ	AN	EG	N	B	Clutch solenoid A	クラッチソレノイドA
32	RPLU-0276FCZZ	AM	EG	N	B	Clutch solenoid B	クラッチソレノイドB
33	XBBSD30P06000	AA	DB		C	Screw (3×6)	ビス
34	LBNDJ2003SCZZ	AA	DA		C	Band	ケッソクバンド
35	XBPSD30P05000	AA	DA		C	Screw (3×5)	ビス
36	PSPAZ0584FCZZ	AA	DD	N	C	PWB spacer	キバンスペーサー
	ユニット (Unit)						
901	CFRM-0723FC31	BD	GT	N	E	Clutch frame unit	M6クラッチフレームユニット



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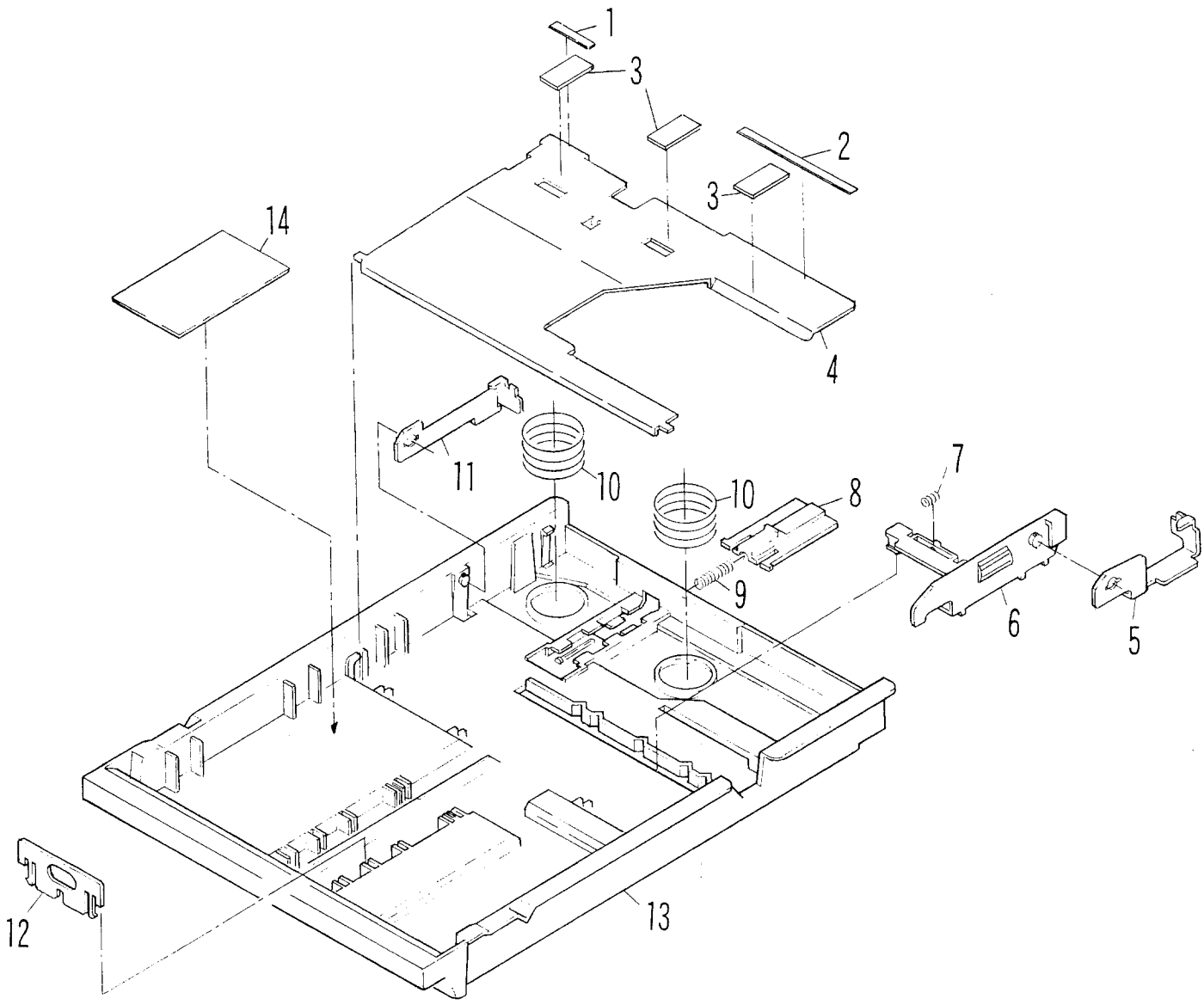
9 カセット(Cassette)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	PSHEP1710FCZZ	AA	DA		C	Cassette sheet R	カセットカイテンマイラー R
2	PSHEP1709FCZZ	AA	DA		C	Cassette sheet F	カセツトカイテンマイラー F
3	PSHEZ1606FCZZ	AB	DB		C	Cassette sheet	カセットシート
4	LPLTM2276FCZZ	AG	DT		C	Cassette turning plate	カセットカイテンバン
5	PTME-0157FCZZ	AC	DD		C	Cassette pawl F	カセツトツメ F
6	LPLTM2277FCZZ	AC	DD		C	Cassette side plate F	カセットソクバン F
7	MSPRC1144FCZZ	AA	DA		C	Side plate spring	ソクバン スプリング
8	LSTPP0161FCZZ	AB	DC		C	Turning plate stopper	カイテンイタ スプリング
9	MSPRC1145FCZZ	AA	DA		C	Stopper spring	ストッパーヨウ スプリング
10	MSPRC1143FCZZ	AA	DA		C		カセットスプリング (コクナイセンヨウ)
	MSPRC1460FCZZ	AA	DA		C	Cassette spring N (Export)	カセットスプリング N
11	PTME-0158FCZZ	AB	DC		C	Cassette pawl R	カセットツメ R
12	LSTPP0160FCZZ	AB	DC		C	Cassette stopper	カセットストッパー
13	GCASP0153FCBZ	AR	EZ	N	D		カセットケース,クロ (コクナイセンヨウ)
	GCASP0153FCZZ	AR	EZ	N	D	Cassette case,gray	カセットケース,グレイ
	ユニット (Unit)						
901	CCASP0153FC51	AX	FX	N	E		カセットユニット,フロスティグレイ(コクナイセンヨウ)
	CCASP0153FC53	AX	FX	N	E		カセットユニット,クロ (コクナイセンヨウ)
	CCASP0153FC52	AX	FX	N	E	Cassette unit,gray (Export)	カセットユニット,グレイ



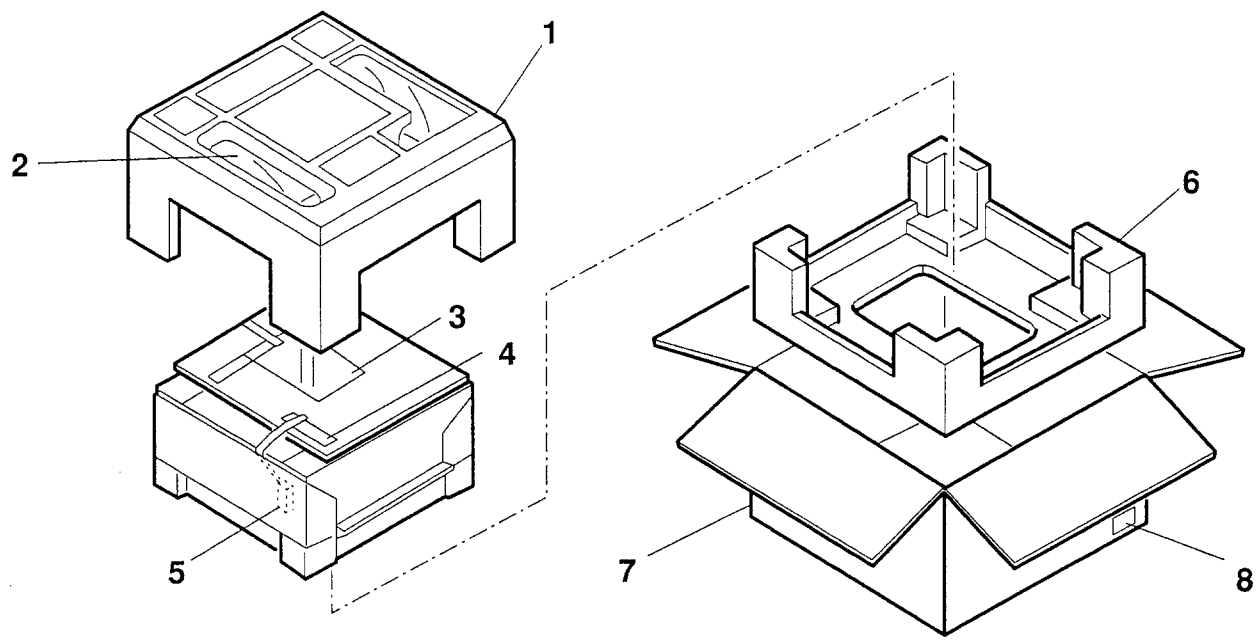
10 その他部品(Other parts)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
1	SPAKA4621FCZZ	AS	FG	N	D	Packing cushion for Ten (Japan,Australia,New Zealand)	パッキングアドテン
	SPAKA4623FCZZ	AN	EG	N	D	Packing cushion for Ten (Other countries)	パッキングアドテン
⚠	QACCJ9610QCZZ	AR	EW		B	AC cord(Japan,Dominica,Middle America, Philippins,Colombia,Venezuela,Taiwan)	ACコード
⚠	QACCJ9610QCZZ	AR	EW		B	AC cord (Ecuador)	ACコード
⚠	QACCV6621QCZZ	AT	FH		B	AC cord(φ4.8 2pin)(SEEG,Pakistan,Uruguay, Argentina,Paraguay,Greece,West Africa)	ACコード
⚠	QACCV6621QCZZ	AT	FH		B	AC cord(φ4.8 2pin)(Nigeria,Lebanon,India, Algeria,Iran,Iraq,Bangladesh,Turkey)	ACコード
⚠	QACCV6621QCZZ	AT	FH		B	AC cord(φ4.8 2pin)(Thailand,Egypt,Tunisia, Morocco,Syria,Jordan,UAE,Kuwait,Oman)	ACコード
⚠ 2	QACCV6621QCZZ	AT	FH		B	AC cord(φ4.8 2pin) (Katar)	ACコード
⚠	QACCB7620QCN1	AX	FW		B	AC cord(BS plug)(U,Kingdom,Cyprus,Malaysia, North Yemen,Bahrain,Saudi Arabia)	ACコード
⚠	QACCD7614QCN1	AQ	ER		B	AC cord(UL,CSA plug) (USA,CANADA,Barbados,Costa Rica)	ACコード
⚠	QACCL7620QCZZ	AW	FK		B	AC cord (Australia,New Zealand)	ACコード
⚠	QCNW-0132FCZZ	AV	FN		B	AC coard(φ4.0 2pin) (Chile,Peru)	ACコード
⚠	DHAi-1212FC11	AX	FW		B	AC coard (Saudi Arabia)	ACコード
⚠	DHAi-1212FC13	AX	FW		B	AC coard (South Africa,Sri Lanka,Hong Kong)	ACコード
⚠	DHAi-1212FC12	AV	FM		B	AC coard (Israel)	ACコード
⚠	QACCF7620QCZZ	AX	FU		B	AC cord (Singapore)	ACコード
3	CiNSJ0966FC31	AK	EB	N	E	(Japanese)	トリアツカイセツメイショ(ニホンゴ)
	CiNSE0967FC31	AG	DS	N	E	Operation manual (USA)	トリアツカイセツメイショ
	CiNSE0968FC31	AK	EB	N	E	Operation manual (English)(CANADA,Pakistan, Uruguay,Argentina,Paraguay,Barbados)	トリアツカイセツメイショ(エイゴ)
	CiNSE0968FC31	AK	EB	N	E	Operation manual (English) (Philippines)	トリアツカイセツメイショ(エイゴ)
	CiNSE0968FC32	AK	EB	N	E	Operation manual (English)(U,Kingdom only)	トリアツカイセツメイショ(エイゴ)
	CiNSE0968FC33	AK	EB	N	E	Operation manual (English)(Australia only)	トリアツカイセツメイショ(エイゴ)
	CiNSF0970FC31	AK	EB	N	E	Operation manual (French)	トリアツカイセツメイショ (フランスゴ)
	CiNSS0971FC31	AK	EB	N	E	Operation manual (Spanish)	トリアツカイセツメイショ (スペインゴ)
	CiNSZ0973FC31	AK	EB	N	E	Operation manual (Arabic)	トリアツカイセツメイショ (アラビアゴ)
	TiNSE0968FCZZ	AH	DX	N	D	Operation manual(English)(Egypt,Tunisia, Morocco,Syria,Jordan,UAE,North Yemen)	トリアツカイセツメイショ(エイゴ)
	TiNSE0968FCZZ	AH	DX	N	D	Operation manual(English)(Bahrain,Saudi Arabia,Kuwait,Oman,Katar)	トリアツカイセツメイショ(エイゴ)
	TiNSF0970FCZZ	AH	DX	N	D	Operation manual (French)(Egypt,Tunisia,Morocco,Syria,Jordan,UAE)	トリアツカイセツメイショ (フランスゴ)
	TiNSZ0973FCZZ	AH	DX	N	D	Operation manual(Arabic)(Egypt,Tunisia, Morocco,Syria,Jordan,UAE,North Yemen)	トリアツカイセツメイショ (アラビアゴ)
	TiNSZ0973FCZZ	AH	DX	N	D	Operation manual(Arabic)(Bahrain,Saudi Arabia,Kuwait,Oman,Katar)	トリアツカイセツメイショ (アラビアゴ)
4	TLABZ1794FCZZ	AA	DA		D		カイコンチュウイラベル (コクナイセンヨウ)
	TLABZ1795FCZZ	AA	DA	N	D	Label (USA,CANADA,Australia,Thailand,Saudi Arabia,New Zealand)	カイコンチュウイ ラベル
5	SPAKA4649FCZZ	AP	EQ	N	D	PS packing cushion(Japan,USA,CANADA,Australia, Thailand,Saudi Arabia,New Zealand)	PSイタ コテイザイ
6	SPAKA4624FCZZ	AP	EQ	N	D	Packing cushion for bottom	パッキングアドソコ
7	SPAKC4618FCZZ	AW	FQ	N	D		パッキングケース,フロス ティグレイ(コクナイ50HZ)
	SPAKC4618FC11	AW	FQ	N	D		パッキングケース,フロス ティグレイ(コクナイ60HZ)
	SPAKC4636FCZZ	AW	FQ	N	D		パッキングケース,クロ (コクナイ50HZ)
	SPAKC4636FC11	AW	FQ	N	D		パッキングケース,クロ (コクナイ60HZ)
	SPAKC4619FCZZ	AX	FX	N	D	Packing case (USA only)	パッキングケース
	SPAKC4628FCZZ	AY	GD	N	D	Packing case (Australia,New Zealand)	パッキングケース
	SPAKC4620FCZ1	AV	FQ	N	D	Packing case (CANADA only)	パッキングケース
	SPAKC4620FCZZ	AV	FQ	N	D	Packing case (Other countries)	パッキングケース
8	TLABR3004FCZZ	AA	DD	N	C		バーコードラベル,フロス ティグレイ(コクナイ50HZ)
	TLABR3005FCZZ	AA	DD	N	C		バーコードラベル,フロス ティグレイ(コクナイ60HZ)
	TLABR3014FCZZ	AA	DD	N	C		バーコードラベル,クロ (コクナイ50HZ)
	TLABR3015FCZZ	AA	DD	N	C		バーコードラベル,クロ (コクナイ60HZ)
	TLABR3007FCZZ	AA	DD	N	C	Bar-cord label (SEEG)	バーコードラベル
	TLABR3008FCZZ	AA	DD	N	C	Bar-cord label (U,Kingdom)	バーコードラベル
	TLABR3027FCZZ	AA	DD	N	C	Bar-cord label (Australia)	バーコードラベル
9	TLABR3006FCZZ	AB	DD	N	C	Bar-cord label (CANADA)	バーコードラベル
	TLABR3009FCZZ	AB	DD	N	C	Bar-cord label (USA)	バーコードラベル
101	SSAKH4231CCZZ	AA	DA		D	Vinyl bag for AC cord (140×500mm)	ポリブクロ(ACコードヨウ)
102	GCOVZ0157FCZZ	AK	DY		D	Dust cover (Egypt,Tunisia,Morocco,Syria, Jordan,UAE,North Yemen,Bahrain)	ダストカバー
	GCOVZ0157FCZZ	AK	DY		D	Dust cover (Saudi Arabia,Kuwait,Oman,Katar)	ダストカバー
103	SSAKA2340QCZZ	AA	DA		D	Vinyl bag (Egypt,Tunisia,Morocco,Syria, Jordan,UAE,North Yemen,Bahrain)	ポリブクロ

10 その他部品(Other parts)

NO.	PARTS CODE	PRICE RANK		NEW MARK	PART RANK	DESCRIPTION
		Ex	Ja			
103	SSAKA2340QCZZ	AA	DA		D	Vinyl bag (Saudi Arabia,Kuwait,Oman,Katar) ポリブクロ
104	UCLEZ0070FCZ1	AC	DD		D	Charger cleaner チャージャークリーナー

japan, New Zezland, Australia



Except japan, New Zealand, Australia

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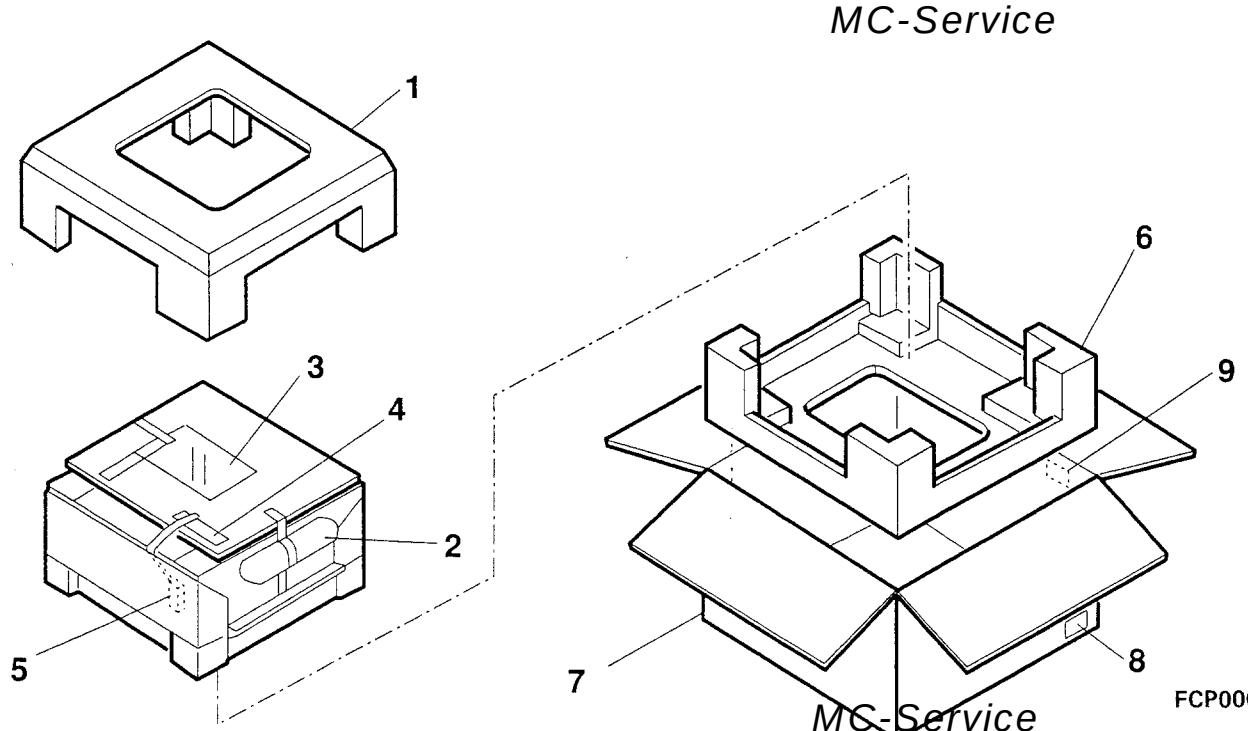

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FCP00006

11 メイン基板(Main PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION		
1	0JF8912935TW/	AC	DD	N	C	Capacitor (35TWSS47MK0611M)	[C1]	デンカイコンデンサー
2	0JF8913010TW/	AB	DD	N	C	Capacitor (10TWSS47M0511)	[C3,5,16]	デンカイコンデンサー
3	0JF8913125TW/	AB	DD	N	C	Capacitor (25TWSS10M0511)	[C20]	デンカイコンデンサー
4	0JF89134B24B/	AH	DX	N	C	Connector (B24B-PHDSS)	[CA]	コネクター
5	0JF89135B16B/	AG	DS	N	C	Connector (B16B-PHDSS)	[CB]	コネクター
6	0JF89136B2B//	AB	DD	N	C	Connector (B2B-PH-K-S)	[CC]	コネクター
7	0JF8904150 75/	AG	DS	N	C	Connector (SD5075F01)	[CD]	コネクター
8	0JF89011DA204	AC	DJ	N	B	Diode (DA204K)	[DA1,2,3]	デュアルダイオード
9	0JF89016143EK	AC	DJ	N	B	Digital transistor (DTC143EKWTT146)	[DT1]	デジトラ
10	0JF89116TC124	AC	DJ	N	B	Digital transistor (TC124XK)	[DT2]	デジトラ
11	VHi7508HCUR04	AU	FQ	N	B	IC (UPCD7507HC-085)	[IC1]	IC
12	0JF8910778 05C	AG	DS	N	B	IC (BA17805)	[IC2]	サンタンシレギュレーターIC
13	0JF89034358G/	AF	DS	N	B	IC (UPC358G)	[IC3]	OPアンプIC
14	0JF8901310393	AF	DS	N	B	IC (BA10393F-TI)	[IC4]	コンパレーターIC
15	0JF89128 74LSi	AK	EB	N	B	IC (SN74LS153NS)	[IC5]	IC
16	0JF89014BA618	AH	DX	N	B	IC (BA618)	[IC6]	LEDドライバーIC
17	0JF8901512004	AH	DX	N	B	Transistor array (BA12004)	[IC7,8]	トランジスターアレイ
18	0JF890172SD18	AE	DJ	N	B	Transistor (2SD1227)	[Q1]	トランジスター
19	0JF89007CSA4/	AF	DS	N	B	Crystal (CSA4.00MG)	[X1]	セラロック
20	0JF891176.2C/	AC	DD	N	B	Zener diode (PLZJ6.2C)	[ZD1]	ツェナーダイオード
21	0JF89038220//	AQ	EZ	N	C	Heat sink (T220M(16))		ホウネツバン
22	0JF8912716///	AH	DX	N	C	Heat sink (PUE-16)		ホウネツバン
23	XBPSD30P06K00	AA	DA		C	Screw (3×6K)		ビス
	ユニット (Unit)							
901	CPWBF0913FC31	BE	HC	N	E	Main PWB		M6メインキバン

12 CL-コントロール基板(CL-control PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION		
1	DHAi-1999FCZZ	AE	DS	N	C	CL harness (100V series)		M6 CLハーネス
	DHAi-1999FC11	AE	DS	N	C	CL harness (200V series)		M6CLハーネス
2	LBNDJ0037FCZZ	AA	DA		C	Band (T18S)		バンド
3	PRDAF0044FCZZ	AC	DC		C	Heat sink (SP2224)		ホウネツバン
4	QCNCM0156FCZZ	AA	DA		B	Connector (2pin)	[CD]	コネクター
5	QCNCM0157FCZZ	AB	DB		B	Connector (3pin)	[CC]	コネクター
6	QCNCM0191FCZZ	AA	DA		C	Connector	[CB]	コネクター
7	QCNCM2033RCZZ	AC	DH		C	Connector (3pin)	[CA]	コネクター
8	RC-QZ0347FCZZ	AD	DJ	N	C	Capacitor	[C203,204]	コンデンサー
⚠ 9	RCiLC0058FCZZ	AQ	EZ	N	C	Coil (SF1T125002)(100V series)	[L201]	コイル
⚠	RCiLF0043FCZZ	AL	EC		C	Inductor coil (200V series)	[L201]	インダクタコイル
⚠ 10	RMPTA0030FCZZ	AE	DJ		B	CR mix part (100V series)	[CR201]	CRフクゴウキ
⚠	RMPTA0021FCZZ	AH	DX		B	CR mix part (200V series)	[CR201]	CRフクゴウキ
11	RR-SZ0404FCZZ	AC	DC	N	C	Resistor (3W 10KΩ ±5%)	[R201]	テイコウ
12	RR-SZ0405FCZZ	AA	DA	N	C	Resistor (1W 120Ω ±5%)	[R205]	テイコウ
13	RR-SZ0406FCZZ	AA	DA	N	C	Resistor (1W 100Ω ±5%)	[R206]	テイコウ
⚠ 14	RR-XZ0337FCZZ	AC	DE		B	Fuse resistor (220Ω)(100V series)	[FR201]	ヒューズテイコウ
⚠	RR-XZ0338FCZZ	AC	DE		B	Fuse resistor (820Ω)(200V series)	[FR201]	ヒューズテイコウ
15	RVR-M3510QCZZ	AD	DJ	N	B	Variable resistor (300KΩ)	[VR1]	ボリウム
16	VCEAGA1VW107M	AB	DB		C	Capacitor (35WV 100μF)	[[C201]	コンデンサー
⚠ 17	VCEAGA1VW475M	AA	DA		C	Capacitor (35WV 4.7μF)(100V series)	[C202]	コンデンサー
⚠	VCEAGA1VW106M	AA	DA		C	Capacitor (35WV 10μF)(200V series)	[C202]	コンデンサー
⚠ 18	VHDDF04M///-1	AD	DG		B	Diode (DF04M)(100V series)	[[RC201]	ダイオードブリッジ
⚠	VHDDF06M///-1	AE	DS	N	B	Diode (DF06M)(200V series)	[[RC201]	ダイオード
19	VHiMHiK-1//-1	AU	FK	N	B	IC (MHIK)	[HIC201]	IC
20	VHPPC817///-1	AF	DP		B	Photo coupler (PC817)	[PC201]	フォトカプラー
⚠ 21	VHRS11MD5V/-1	AF	DQ		B	Photo thyristor (S11MD5V)(100V series)	[PTR201]	フォトサイリスター
⚠	VHRS21MD3//-1	AF	DQ		B	Photo thyristor (S21MD3)(200V series)	[PTR201]	フォトサイリスター
⚠ 22	VHSAC12DSM/-1	AK	DY		B	Triac (AC12DSM)(100V series)	[TR201]	トライアック
⚠	VHSAC08FSM/-1	AK	EA		B	Triac (AC08FSM)(200V series)	[TR201]	トライアック
23	VRD-RB2EY103J	AA	DA		C	Resistor (1/4W 10KΩ ±5%)	[R204]	テイコウ
⚠ 24	VRNRB2EK2003F	AA	DA		C	Resistor (1/4W 200KΩ ±1%)(100V series)	[R202,203]	テイコウ
⚠	VRNRB2EK4123F	AA	DA		C	Resistor (1/4W 412KΩ ±1%)(200V series)	[R202,203]	テイコウ
25	XBPSD30P08K00	AA	DA		C	Screw (3×8)		ビス
26	XNESD30-24000	AA	DA		C	Nut		ナット
	ユニット (Unit)							
⚠ 901	CPWBF0552FC51	BE	HC	N	E	CL-control PWB (100V series)		CL-コントロールキバン
⚠	CPWBF0552FC52	BE	HC	N	E	CL-control PWB (200V series)		CL-コントロールキバン

13 操作基板(Operation PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION		
1	0JF8904655MG/	AD	DJ	N	B	LED (SLB-55MG3FAK)	[AED,AEL,AEN]	5X5 LED GREEN

13 操作基板(Operation PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION		
2	0JF89126SK///	AD	DJ	N	B	Tact switch (SKHHPM)	[AEK,CLK,PSW,UPK1,2]	タクトSW
3	0JF89133S16B/	AG	DS	N	C	Connector (S16B-PHDSS)	[CNA]	コネクター
4	0JF890531726/	AH	DX	N	C	Operation harness (172677-3-A)	[CNB]	ソウサハーネス
5	0JF891082473/	AC	DD	N	B	Diode (1S2473)	[D1,2,3,4,5,6]	ダイオード
6	0JF89045555VR/	AD	DJ	N	B	LED (SLB-55VR3FAJ)	[JPL,TML,TPL]	5X5 LED RED
7	VHPGL6E201///	AL	EB		B	Photo transistor (GL6E201)	[LD1]	フォトトランジスター
8	VHPPC847///-1	AM	EC		B	Photo coupler (PC847)	[PC847]	フォトカプラー
9	0JF89109F9102	AB	DD	N	C	Resistor (CRB20R-65FX9102)	[R1]	キンピテイコウ
10	0JF89110F1103	AB	DD	N	C	Resistor (CRB20R-65FX1103)	[R2]	キンピテイコウ
11	0JF89111F6802	AB	DD	N	C	Resistor (CRB20R-65FX6802)	[R3]	キンピテイコウ
12	0JF89112F7871	AB	DD	N	C	Resistor (CRB20R-65FX7871)	[R4]	キンピテイコウ
13	0JF89113F1651	AB	DD	N	C	Resistor (CRB20R-65FX1651)	[R5]	キンピテイコウ
14	0JF89114F1131	AB	DD	N	C	Resistor (CRB20R-65FX1131)	[R6]	キンピテイコウ
15	0JF891491001/	AB	DD	N	C	Resistor (1W 1.0KΩ)	[R7]	キンピテイコウ
16	VHPLD-201MG-1	AE	DK		B	Photo transistor (LD-201MG)	[RPL]	フォトトランジスター
17	LBNDJ2003SCZZ	AA	DA		C	Cable clamp (large)		ケーブルクランプ
	ユニット (Unit)							
901	CPWBF0912FC31	AW	FX	N	E	Operation PWB		M6ソウサキバン

14 DC電源基板(DC power supply PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION		
⚠ 1	0FQ0140300150	AW	FX	N	B	Transformer (100V)	[T1]	トランス 100V
⚠ 1	0FQ0140300160	AW	FX	N	B	Transformer (120V)	[T1]	トランス120V
⚠ 1	0FQ0140300190	AW	FX	N	B	Transformer (110V)	[T1]	トランス 110V
⚠ 1	0FQ0140300200	AW	FX	N	B	Transformer (127V)	[T1]	トランス 127V
⚠ 1	0FQ0140300170	AW	FX	N	B	Transformer (220V)	[T1]	トランス 220V
⚠ 1	0FQ0140300180	AW	FX	N	B	Transformer (240V)	[T1]	トランス 240V
2	0FQ0130100700	AQ	EZ	N	B	Transistor (2SC3852)	[Q1]	トランジスタ
3	0FQ0130300960	AF	DS	N	B	Diode (10E4NFD)	[D1~4]	ダイオード
4	0FQ0130300990	AF	DS	N	B	Diode (11E)	[D5]	ダイオード
5	0FQ0130500320	AE	DS	N	B	Diode (RD12EB2)	[ZD1,2]	ダイオード
6	0FQ0110101550	AP	EQ	N	C	Capasitor (2200UF 50V 105℃)	[C1]	デンカイ コンデンサ
7	0FQ0110300390	AE	DS	N	C	Capasitor (22000UF 50V)	[C2,3,5]	コンデンサ
8	0FQ0110101560	AE	DS	N	C	Capasitor (47UF 35V 105℃)	[C4]	コンデンサ
9	0FQ0110600065	AE	DS	N	C	Capasitor (0.1UF 50V)	[C6]	コンデンサ
⚠ 10	0FQ0110800210	AE	DS	N	C	Capasitor (1000PF 125V)(120V/127V)	[C7,8]	コンデンサ
⚠ 10	0FQ0110800031	AE	DS	N	C	Capasitor(4700pF 250V)(100V/110V/220V/240V)	[C7,8]	コンデンサ
⚠ 11	0FQ0110700330	AH	DX	N	C	Capasitor (0.68MF 250V)(100V series)	[C9]	コンデンサ
⚠ 11	0FQ0110700340	AN	EG	N	C	Capasitor (0.22μF 250V)(200V series)	[C9,10]	コンデンサ
12	0FQ0120300770	AD	DF		C	Resistor(MF) (1KΩ 1W ±5%)	[R1]	テイコウ
13	0FQ0120102070	AB	DD	N	C	Resistor(MF) (33Ω 1/4W ±5%)	[R2]	テイコウ
14	0FQ0120102080	AB	DD	N	C	Resistor(MF) (100Ω 1/4W ±5%)	[R3]	テイコウ
15	0FQ0120300770	AD	DF		C	Resistor(MF) (1KΩ 1W ±5%)	[R4]	テイコウ
⚠ 16	0FQ0120100450	AB	DD	N	C	Resistor(MF) (1MΩ 1/4W ±5%)(100V serirs)	[R5]	テイコウ
⚠ 16	0FQ0120101121	AC	DD	N	C	Resistor (470K RD1/2W)(200V series)	[R5]	テイコウ
⚠ 17	0FQ0111000110	AN	EG	N	B	Spark killer (AU120)(100V series)	[CR1,2]	スパーク キラー
⚠ 17	0FQ0111000120	AN	EG	N	B	Spark (XE-1201)(200V series)	[CR1,2]	スパークキラー
⚠ 18	0FQ0130700100	AU	FQ	N	B	Triac (TM1641-L)(100V series)	[TR1]	トライアック
⚠ 18	0FQ0130700110	AN	EG	N	B	Triac (BCR10CMW-12R)(200V series)	[TR1]	トライアック
⚠ 19	0FQ0151200020	AQ	ER		B	Photo coplier (S21MD4)	[SSR1]	フォト カプラ
⚠ 20	0FQ0220100420	AL	EB	N	A	Fuse (TLNK-20A)	[F1]	ヒューズ(100V,110V)
⚠ 20	0FQ0220100440	AH	DX	N	A	Fuse (15A,250V 314015)	[F1]	ヒューズ(120V,127V)
⚠ 20	0FQ0220100470	AN	EQ	N	A	Fuse (10A,240V TDC180)	[F1]	ヒューズ(220V)
⚠ 20	0FQ0220100460	AH	DX	N	A	Fuseformer (10A 250V)	[F1]	ヒューズ(240V)
⚠ 21	0FQ0220100430	AH	DX	N	A	Fuse (51MM020L)(100V series)	[F2]	ヒューズ
⚠ 21	0FQ0220100450	AH	DX	N	A	Fuse (220V,240V)	[F2]	ヒューズ
22	0FQ0230300210	AG	DX	N	C	Connector (DF1B-6P-2.5DSA)	[CN1]	コネクター
25	0FQ0200100570	AH	DX	N	C	Heat sink (SP-30-BS-T00 BLK)(100V series)	[A1]	ヒートシンク
25	0FQ0200100590	AH	DX	N	C	Heat sink (SP-20-BS-T001 BLK)(200V series)	[A1]	ヒートシング
26	0FQ0200100580	AH	DX	N	C	Heat sink (SP-40-BS-T00 BLK)	[A2]	ヒートシンク
28	0FQ0180300870	AC	DD	N	C	Wire (16AWG-1007 BLACK)	[A4]	センザイ(スリーブツキ)
29	0FQ0180300880	AC	DD	N	C	Wire (16AWG-1007 WHITE)	[A5]	センザイ(スリーブツキ)
30	0FQ0180300890	AC	DD	N	C	Wire (16AWG-1007A GREEN)	[A6]	センザイ(M4)
31	0FQ0180300900	AC	DD	N	C	Wire (ZZAW-1015 GRAY)	[A7]	センザイ(M3)
32	0FQ0220300030	AD	DF		C	Clip (5×20m/m)	[FOR,F2]	クリップ
33	0FQ0220300020	AB	DD	N	C	Clip (6×32m/m)	[FOR,F1]	クリップ
34	0FQ0230300211	AB	DD	N	C	Tab terminal (#250)	[T3,4,5]	タブタンシ
35	0FQ0230300220	AB	DD	N	C	Tab terminal (#187)	[T6]	タブタンシ
36	0FQ0170100530	AB	DD	N	C	Screw (P+M3 12m/m NI)(100V series)	[FOR,A1,A2]	ネジ
36	0FQ0170100520	AB	DD	N	C	Screw (P+M3 8m/m)(200V series)	[FOR,A1]	ネジ
36	0FQ0170100530	AB	DD	N	C	Screw (P+M3 10㎜)(200V series)	[FOR,A2]	ネジ
37	0FQ0000000001	AB	DD	N	C	Washer (AK-100)	[FOR,A1,A2]	ワッシャ
9	0FQ0700600070	AM	EG	N	C	Bond (KE-3490)	[FOR,C1]	ボンド
	0FQ0210300020	AQ	EZ	N	B	Relay (OJE-SS-124-DM)	[RY1]	リレー
	0FQ0290000220	AC	DD	N	C	Bushing (OF-250 PINK)	[FOR,A5]	ブッシング

MC-Service

14 DC電源基板(DC power supply PWB)

NO.	PARTS CODE	PRICE RANK Ex	PRICE RANK Ja	NEW MARK	PART RANK	DESCRIPTION	
41	0FQ0290000230	AC	DD	N	C	Bushing (OF-250 BULE)	[FOR,A4] ブッシング
42	0FQ0701100780	AB	DD	N	C	Number label	ラベル
58	0FQ0140600620	AM	EG	N	B	Choke coil (SF-T15-40L-01)(200V series)	[L1] チョーク コイル
59	0FQ0140600630	AM	EG	N	B	Choke coil (SF-T15-40L-03)(200V series)	[L2] チョーク コイル
	ユニット (Unit)						
⚠	CPWBN0914FC31	BG	HL	N	E	(100V)	DCデンゲンキバン (コクナイセンヨウ)
⚠	CPWBN0914FC32	BG	HL	N	E	DC power supply PWB (110V)	DCデンゲンキバン
⚠ 901	CPWBN0914FC33	BG	HL	N	E	DC power supply PWB (120V)	DCデンゲンキバン
⚠	CPWBN0914FC34	BK	HV	N	E	DC power supply PWB (127V)	DCデンゲンキバン
⚠	CPWBN0916FC31	BK	HV	N	E	DC power supply PWB (220V)	DCデンゲンキバン
⚠	CPWBN0916FC32	BK	HV	N	E	DC power supply PWB (240V)	DCデンゲンキバン

■索 引 (Index)

PARTS CODE	NO.	PRICE R. Ex.	PRICE R. Ja.	NEW	P/R
〔C〕					
CARMP0066FC02	4- 2	AC	DD		C
CBŌX-0036FC01	4- 3	AL	EA		C
CBTN-0133FC01	1- 4	AD	DJ	N	C
CCAB-0742FC01	1- 1	AS	FG	N	D
CCAB-0742FC04	1- 1	AS	FG	N	D
CCASP0153FC51	9- 901	AX	FX	N	E
CCASP0153FC52	9- 901	AX	FX	N	E
CCASP0153FC53	9- 901	AX	FX	N	E
CCASZ0226FC31	7- 501	AU	FQ	N	E
CCŌVH0201FC01	2- 1	AW	FQ	N	D
CCŌVH0201FC02	2- 1	AW	FQ	N	D
CCŌVQ0712FC01	5- 12	AM	EF		C
CCŌVQ0712FC03	5- 12	AM	EF		C
CCŌVQ0712FC04	5- 12	AM	EF		C
CDAIU0268FC01	3- 17	AL	EC		C
CDTCT0073FC31	5- 19	AQ	EU		B
CFILW0176FC01	1- 7	AM	EG	N	B
CFILW0176FC02	1- 7	AM	EG	N	B
CFILW0176FC03	1- 7	AM	EG	N	B
CFILW0176FC04	1- 7	AM	EG	N	B
CFIX-0263FC03	3- 26	AN	EQ	N	C
CFIX-0263FC04	3- 26	AN	EQ	N	C
CFRM-0412FC32	6- 8	AQ	ER		C
CFRM-0719FC01	7- 34	AS	FG	N	C
CFRM-0720FC01	6- 27	AY	GD	N	C
CFRM-0721FC01	7- 29	AS	FG	N	C
CFRM-0723FC01	8- 2	AU	FQ	N	C
CFRM-0723FC31	8- 901	BD	GT	N	E
CFRM-0724FC01	8- 29	AM	EG	N	C
CFS-T0073FC31	3- 4	AH	DW		A
CGERH0391FC01	6- 28	AE	DK		C
CGERH0392FC01	6- 28	AE	DK		C
CGERH0396FC01	6- 42	AD	DH		C
CGERH0807FC01	6- 43	AF	DS	N	C
CINSE0967FC31	10- 3	AG	DS	N	E
CINSE0968FC31	10- 3	AK	EB	N	E
〃	10- 3	AK	EB	N	E
CINSE0968FC32	10- 3	AK	EB	N	E
CINSE0968FC33	10- 3	AK	EB	N	E
CINSF0970FC31	10- 3	AK	EB	N	E
CINSJ0966FC31	10- 3	AK	EB	N	E
CINSS0971FC31	10- 3	AK	EB	N	E
CINSZ0973FC31	10- 3	AK	EB	N	E
CMŌTC0674FC31	6- 3	BM	LJ	N	E
CMŌTC0675FC31	6- 3	BM	LJ	N	E
CMŌTC0675FC32	6- 3	BM	LE	N	E
CMŌTC0676FC31	6- 3	BM	LJ	N	E
CMŌTC0677FC31	6- 3	BM	LE	N	E
CMŌTC0677FC32	6- 3	BM	LE	N	E
CMŌTC0679FC31	6- 3	BN	LP	N	E
CMŌTC0680FC31	6- 3	BM	LJ	N	E
CMŌTC0681FC31	6- 3	BM	LJ	N	E
CPLTM2272FC01	6- 35	AE	DM		C
CPLTM3977FC01	6- 48	AE	DS	N	C
CPLTM3980FC01	7- 5	AF	DS	N	C
CPWBF0552FC51	6- 6	BE	HC	N	E
〃	12- 901	BE	HC	N	E
CPWBF0552FC52	6- 6	BE	HC	N	E
〃	12- 901	BE	HC	N	E
CPWBF0567FC31	3- 19	AU	FJ		E
CPWBF0704FC35	3- 29	AU	FQ	N	E
CPWBF0912FC31	1- 8	AW	FX	N	E
〃	13- 901	AW	FX	N	E
CPWBF0913FC31	4- 5	BE	HC	N	E
〃	11- 901	BE	HC	N	E
CPWBF0917FC31	8- 1	AP	EQ	N	E
CPWBN0914FC31	7- 7	BG	HL	N	E
〃	14- 901	BG	HL	N	E
CPWBN0914FC32	7- 7	BG	HL	N	E
〃	14- 901	BG	HL	N	E
CPWBN0914FC33	7- 7	BG	HL	N	E
〃	14- 901	BG	HL	N	E
CPWBN0914FC34	7- 7	BK	HV	N	E
〃	14- 901	BK	HV	N	E
CPWBN0916FC31	7- 7	BK	HV	N	E
〃	14- 901	BK	HV	N	E
CPWBN0916FC32	7- 7	BK	HV	N	E
〃	14- 901	BK	HV	N	E
CREFL0112FC41	3- 901	BT	NU	N	E
CREFL0112FC42	3- 901	BT	NU	N	E
CRŌLR0514FC01	7- 40	AM	EF		C
CSŌCN0047FC36	7- 10	AP	EQ	N	E
CSPRB1136FC02	6- 1	AV	FN		C
CTME-0159FC01	5- 14	AG	DS		C
〔D〕					
DHAI-1193FCZZ	5- 32	AD	DG		C
DHAI-1193FC12	5- 32	AD	DG		C
DHAI-1212FC11	10- 2	AX	FW		B
DHAI-1212FC12	10- 2	AV	FM		B
DHAI-1212FC13	10- 2	AX	FW		B
DHAI-1220FCZZ	3- 7	AG	DS		C
DHAI-1228FCZZ	4- 13	AC	DE		C
DHAI-1600FCZZ	5- 10	AF	DN		C
DHAI-1600FC11	5- 10	AF	DN		C
DHAI-1997FCZZ	6- 54	AN	EQ	N	C
DHAI-1999FCZZ	12- 1	AE	DS	N	C
DHAI-1999FC11	12- 1	AE	DS	N	C
DHAI-2004FCZZ	6- 55	BA	GJ	N	C
DHAI-2004FC11	6- 55	BB	GN	N	C
DHAI-2005FCZZ	7- 6	AS	FG	N	C
DHAI-2005FC11	7- 6	AS	FG	N	C
DUNTW6514FCZZ	5- 901	BP	MB	N	E
DUNTW6514FC11	5- 901	BP	MB	N	E
DUNTW6514FC12	5- 901	BP	MB	N	E
DUNTW6514FC13	5- 901	BP	MB	N	E
DUNTW6514FC14	5- 901	BQ	MB	N	E
DUNTW6514FC15	5- 901	BP	MB	N	E
DUNTW6514FC16	5- 901	BP	MB	N	E
DUNTW6514FC17	5- 901	BP	MB	N	E
DWIR-0466CSZZ	7- 60	BG	GZ		A
〔G〕					
GCAB-0739FCBZ	1- 14	AS	FG	N	D
GCAB-0739FCZZ	1- 14	AS	FG	N	D
GCAB-0740FCBZ	1- 15	AP	EQ	N	D
GCAB-0740FCZZ	1- 15	AP	EQ	N	D
GCAB-0741FCBZ	1- 9	AP	EQ	N	D
GCAB-0741FCZZ	1- 9	AQ	EQ	N	D
GCASP0153FCBZ	9- 13	AR	EZ	N	D
GCASP0153FCZZ	9- 13	AR	EZ	N	D
GCŌVZ0157FCZZ	10- 102	AK	DY		D
〃	10- 102	AK	DY		D
GDAI-0155FCBZ	7- 41	AG	DX	N	D
GDAI-0155FCZZ	7- 41	AG	DX	N	D
GLEGP0025FCZZ	7- 37	AA	DA		C
〔H〕					
HPNLC0206FCBZ	1- 3	AS	FG	N	D
HPNLC0206FCZZ	1- 3	AS	FG	N	D
〔J〕					
JBTN-0131FCHZ	1- 6	AC	DJ	N	C
JBTN-0131FCZZ	1- 6	AC	DJ	N	C
JBTN-0132FCHZ	1- 5	AC	DJ	N	C
JBTN-0132FCZZ	1- 5	AC	DJ	N	C
JHNDP0071FCZZ	5- 28	AB	DB		C
JKNBP0119FCBZ	6- 7	AC	DJ	N	D
JKNBP0119FCZZ	6- 7	AC	DJ	N	C
〔K〕					
KCŌUM0023FCZZ	4- 14	AP	EN		D
〔L〕					
LBNDJ0013FCZZ	7- 12	AA	DD		C
LBNDJ0026FCZZ	5- 11	AA	DA		C
LBNDJ0037FCZZ	12- 2	AA	DA		C
LBNDJ2003SCZZ	8- 34	AA	DA		C
〃	13- 17	AA	DA		C
LBŌSZ0849FCZZ	7- 14	AC	DD		C
〃	8- 23	AC	DD		C
LBŌSZ1392FCZZ	8- 21	AE	DS	N	C
LBSHC0133FCZZ	6- 77	AA	DA		C
LBSHC0213FCZZ	6- 4	AA	DA		C
LDAIU0264FCZZ	5- 8	AC	DE		C
LDAIU0269FCZZ	3- 6	AD	DF		C
LDAIU0279FCZZ	3- 9	AC	DE		C
LDAIU0437FCZZ	3- 28	AE	DS	N	C
LFRM-0416FCZZ	5- 27	AD	DF		C
LFRM-0417FCZZ	5- 1	AD	DF		C
LFRM-0718FCBZ	7- 43	BC	GN	N	C
LFRM-0718FCZZ	7- 43	BC	GN	N	C
LFRM-0725FCZZ	8- 4	AU	FQ	N	C
LHLDZ0751FCZZ	7- 59	AB	DC		C
LHLDZ0752FCZZ	7- 57	AD	DG		C

PARTS CODE	NO.	PRICE R. Ex.	PRICE R. Ja.	NEW	P/R	
LHLDZ0753FCZ1	6- 12	AC	DE		C	
LHLDZ0754FCZZ	6- 18	AC	DE		C	
LHLDZ0758FCZZ	6- 21	AD	DH		C	
LHLDZ0763FCZZ	3- 20	AC	DE		C	
LHLDZ0764FCZZ	3- 22	AC	DE		C	
LHLDZ1068FCZZ	6- 53	AE	DS	N	C	
LHLDZ1069FCZZ	7- 9	AK	EB	N	C	
LPINS0148FCZZ	6- 39	AA	DA		C	
LPLTM2270FCZ1	6- 58	AP	EP		C	
LPLTM2271FCZZ	7- 32	AD	DF		C	
LPLTM2274FCZZ	6- 64	AD	DG		C	
LPLTM2276FCZZ	9- 4	AG	DT		C	
LPLTM2277FCZZ	9- 6	AC	DD		C	
LPLTM2278FCZZ	5- 21	AC	DC		C	
LPLTM2301FCZZ	3- 11	AC	DD		C	
LPLTM2397FCZZ	3- 11	AC	DD		C	
LPLTM3972FCZZ	2- 3	AR	EZ	N	C	
LPLTM3973FCBZ	2- 12	AM	EG	N	C	
LPLTM3973FCZZ	2- 12	AM	EG	N	C	
LPLTM3974FCZZ	7- 36	AH	DX	N	C	
LPLTM3980FCZZ	7- 5	AC	DJ	N	C	
LPLTP3968FCBZ	2- 10	AW	FQ	N	C	
LPLTP3968FCZZ	2- 10	AW	FQ	N	C	
LPLTP3971FCZZ	4- 15	AE	DJ	N	C	
LSŌU-0095FCBZ	1- 16	AK	EB	N	D	
LSŌU-0095FCZZ	1- 16	AK	EB	N	D	
LSTPP0116FCZZ	5- 5	AA	DA		C	
LSTPP0160FCZZ	9- 12	AB	DC		C	
LSTPP0161FCZZ	9- 8	AB	DC		C	
LSUPP0007FCZZ	4- 4	AE	DL		C	
//	6- 5	AE	DL		C	
LX-WZ0123FCZZ	3- 2	AA	DA		C	
LX-WZ0198FCZZ	6- 29	AA	DA		C	
LX-WZ0288FCZZ	6- 26	AA	DA		C	
LX-WZ0309FCZZ	8- 19	AA	DD	N	C	
LX-WZ0313FCZZ	7- 44	AA	DD	N	C	
〔M〕						
MARMM0144FCZZ	8- 12	AC	DJ	N	C	
MARMP0065FCZZ	7- 24	AB	DB		C	
MARMP0068FCZZ	6- 67	AB	DB		C	
MARMP0098FCZZ	8- 24	AC	DD	N	C	
MARMP0099FCZZ	8- 28	AB	DC		C	
MARMP0112FCZZ	8- 27	AB	DC		C	
MARMP0143FCZZ	6- 51	AD	DJ	N	C	
MCAMP0061FCZZ	6- 24	AC	DC		C	
MLEVF0576FCZZ	7- 35	AF	DS	N	C	
MLEVF0577FCZZ	7- 28	AF	DS	N	C	
MLEVP0383FCZZ	5- 17	AC	DD		C	
MLEVP0463FCZ1	6- 56	AC	DD		C	
MLEVP0547FCZZ	6- 57	AD	DF		C	
MLEVP0573FCBZ	6- 25	AE	DJ	N	C	
MLEVP0573FCZZ	6- 25	AE	DJ	N	C	
MLEVP0574FCZZ	6- 23	AD	DJ	N	C	
MLEVP0575FCBZ	6- 10	AE	DS	N	C	
MLEVP0575FCZZ	6- 10	AE	DS	N	C	
MLEVP0579FCZZ	8- 5	AC	DD	N	C	
MLEVP0580FCZZ	8- 8	AC	DD	N	C	
MSLI-0059FCZZ	6- 62	AA	DA		C	
MSLI-0061FCZZ	2- 11	AD	DF		C	
MSLI-0105FCZZ	2- 9	AU	FQ	N	C	
MSPRC1127FCZZ	6- 9	AA	DA		C	
MSPRC1139FCZZ	6- 40	AB	DB		C	
MSPRC1143FCZZ	9- 10	AA	DA		C	
MSPRC1144FCZZ	9- 7	AA	DA		C	
MSPRC1145FCZZ	9- 9	AA	DA		C	
MSPRC1152FCZZ	7- 21	AE	DJ		C	
MSPRC1207FCZZ	8- 17	AE	DK		C	
MSPRC1460FCZZ	9- 10	AA	DA		C	
MSPRC1489FCZZ	6- 59	AB	DB		C	
MSPRC1917FCZZ	8- 25	AA	DD	N	C	
MSPRC1918FCZZ	8- 3	AA	DD	N	C	
MSPRP1147FCZZ	5- 29	AC	DE		C	
MSPRP1148FCZZ	5- 7	AC	DD		C	
MSPRP1168FCZZ	3- 23	AB	DB		C	
MSPRP1169FCZZ	3- 25	AB	DB		C	
MSPRP1912FCZZ	8- 6	AB	DD	N	C	
MSPRP1913FCZZ	8- 9	AB	DD	N	C	
MSPRT1128FCZZ	7- 25	AA	DA		C	
MSPRT1130FCZZ	7- 58	AB	DC		C	
MSPRT1138FCZZ	6- 61	AA	DA		C	

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MSPRT1141FCZZ	6- 70	AA	DA		C	
MSPRT1142FCZZ	6- 74	AA	DA		C	
MSPRT1146FCZZ	5- 13	AA	DA		C	
MSPRT1150FCZZ	6- 19	AA	DA		C	
MSPRT1153FCZZ	6- 73	AA	DA		C	
MSPRT1907FCZZ	7- 27	AC	DD	N	C	
〔N〕						
NBRGC0444FCZZ	7- 16	AB	DD	N	C	
NBRGP0258FCZZ	6- 65	AA	DA		C	
NBRGP0259FCZZ	5- 3	AE	DK		C	
NBRGP0260FCZZ	7- 30	AC	DE		C	
NGERH0382FCZZ	7- 15	AB	DB		C	
//	8- 22	AB	DB		C	
NGERH0383FCZZ	7- 23	AB	DB		C	
NGERH0384FCZZ	7- 19	AE	DK		C	
NGERH0385FCZZ	7- 22	AD	DG		C	
NGERH0390FCZZ	8- 11	AB	DC		C	
NGERH0393FCZ1	6- 33	AC	DD		C	
NGERH0394FCZZ	6- 36	AB	DC		C	
NGERH0395FCZZ	6- 34	AC	DD		C	
NGERH0397FCZZ	6- 38	AC	DD		C	
NGERH0401FCZZ	5- 4	AC	DD		C	
NGERH0454FCZ1	6- 31	AE	DK		C	
NGERH0806FCZZ	6- 46	AD	DJ	N	C	
NGERH0808FCZZ	6- 49	AD	DJ	N	C	
NGERH0811FCZZ	6- 47	AC	DD	N	C	
NGERH0812FCZZ	6- 44	AC	DJ	N	C	
NGERH0813FCZZ	8- 18	AC	DJ	N	C	
NGERH0814FCZZ	8- 14	AF	DS	N	C	
NGERH0815FCZZ	8- 20	AE	DJ	N	C	
NGERH0816FCZZ	8- 26	AC	DJ	N	C	
NGERR0381FCZZ	2- 4	AH	DW		C	
NRŌLI0519FCZ1	7- 31	AX	FU		C	
NRŌLP0529FCZZ	6- 71	AA	DA		C	
NRŌLR0515FCZZ	7- 39	AQ	EV		C	
NRŌLR0890FCZZ	7- 38	AM	EG	N	C	
NRŌLT0799FCZZ	5- 24	AY	FZ		C	
NSFTZ0863FCZZ	6- 20	AC	DE		C	
NSFTZ1189FCZZ	6- 63	AC	DC		C	
〔P〕						
PBRSR0061FCZZ	5- 16	AH	DW		B	
PBRSR0107FCZZ	7- 53	AA	DA		B	
PCASZ0226FCZZ	7- 56	AG	DX	N	C	
PCŌVP0709FCZZ	4- 12	AC	DE		C	
PCŌVP0711FCZZ	6- 13	AM	EE		C	
PCŌVP0713FCZZ	5- 30	AE	DK		C	
PCŌVP0727FCZZ	4- 17	AB	DC		C	
PCŌVP1112FCZZ	7- 4	AL	EG	N	C	
PCUSF0165FCZZ	6- 68	AA	DA		C	
PFILZ0164FCZZ	6- 14	AH	DW		B	
PGIDH0820FCZZ	2- 14	AD	DH		C	
PGIDH0821FCZ1	2- 15	AH	DX	N	C	
PGIDH0824FCZZ	7- 33	AK	DY		C	
PGIDH0826FCZ1	5- 26	AD	DG		C	
PGIDH0828FCZZ	6- 11	AG	DS		C	
PGIDH0829FCZ1	2- 15	AH	DX	N	C	
PGIDH0830FCZ1	2- 15	AH	DX	N	C	
PGIDH1330FCBZ	1- 10	AD	DJ	N	D	
PGIDH1330FCZZ	1- 10	AD	DJ	N	C	
PGIDH1333FCZZ	5- 15	AK	EB	N	C	
PGIDH1334FCZZ	7- 54	AE	DS	N	C	
PGIDM1331FCZZ	6- 69	AQ	EQ	N	C	
PGLSP0051FCZZ	2- 13	AW	FR		B	
PLNS-0028FCZZ	3- 21	BK	HV		B	
PPIPP0056FCZZ	8- 16	AC	DD		C	
PPIPP0095FCZZ	7- 20	AB	DB		C	
PRDAF0044FCZZ	12- 3	AC	DC		C	
PREFL0112FCZZ	3- 12	AM	EE		C	
PREFL0113FCZ1	3- 24	AB	DC		C	
PREFL0114FCZZ	3- 18	AB	DC		C	
PREFL0115FCZZ	3- 16	AB	DC		C	
PRNGP0019FCZZ	6- 22	AA	DA		C	
PRNGP0024FCZZ	8- 15	AC	DC		C	
PRNGP0031FCZZ	5- 18	AA	DA		C	
PSHEP1603FCZZ	7- 51	AC	DE		C	
PSHEP1709FCZZ	9- 2	AA	DA		C	
PSHEP1710FCZZ	9- 1	AA	DA		C	
PSHEP1721FCZZ	7- 52	AD	DF		C	
PSHEP1722FCZZ	3- 14	AD	DG		C	
PSHEP2651FCZZ	6- 16	AB	DB		C	

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PARTS CODE	NO.	PRICE R. Ex.	PRICE R. Ja.	NEW	P/R	
PSHEP3102FCZZ	6- 75	AB	DD	N	C	
PSHEP3103FCZZ	6- 76	AB	DD	N	C	
PSHEP3105FCZZ	7- 45	AC	DD	N	C	
PSHEP3109FCZZ	5- 35	AB	DD	N	C	
PSHEP3110FCZZ	5- 36	AB	DD	N	C	
PSHEP3112FCZZ	1- 19	AB	DD	N	C	
PSHEZ1606FCZZ	9- 3	AB	DB		C	
PSHEZ3066FCZZ	2- 2	AR	EZ	N	C	
PSHEZ3111FCZZ	6- 79	AB	DD	N	C	
PSPAZ0344FCZZ	2- 5	AA	DA		C	
PSPAZ0584FCZZ	8- 36	AA	DD	N	C	
PTME-0157FCZZ	9- 5	AC	DD		C	
PTME-0158FCZZ	9- 11	AB	DC		C	
〔Q〕						
QACCB7620QCN1	10- 2	AX	FW		B	
QACCD7614QCN1	10- 2	AQ	ER		B	
QACCF7620QCZZ	10- 2	AX	FU		B	
QACCJ9610QCZZ	10- 2	AR	EW		B	
〃	10- 2	AR	EW		B	
QACCL7620QCZZ	10- 2	AW	FK		B	
QACCV6621QCZZ	10- 2	AT	FH		B	
〃	10- 2	AT	FH		B	
〃	10- 2	AT	FH		B	
〃	10- 2	AT	FH		B	
QCNCM0156FCZZ	12- 4	AA	DA		B	
QCNCM0157FCZZ	12- 5	AB	DB		B	
QCNCM0191FCZZ	12- 6	AA	DA		C	
QCNCM2033RCZZ	12- 7	AC	DH		C	
QCNW-0132FCZZ	10- 2	AV	FN		B	
QSLPA0083FCZZ	4- 11	AE	DK		C	
QSLPA0084FCZZ	4- 8	AE	DK		C	
QSLPA0086FCZZ	3- 5	AD	DG		C	
QSLPA0087FCZZ	3- 8	AC	DC		C	
QSOCZ0046FCZZ	4- 10	AC	DC		B	
QSW-L0306FCZZ	6- 66	AU	FK		B	
QSW-M0296FCZZ	7- 8	AM	EF		B	
QSW-M0440FCZZ	6- 15	AN	EG	N	B	
〔R〕						
RC-QZ0347FCZZ	12- 8	AD	DJ	N	C	
RCILC0058FCZZ	12- 9	AQ	EZ	N	C	
RCILF0043FCZZ	12- 9	AL	EC		C	
RLMPU0323FCZZ	5- 25	AX	FW		B	
RLMPU0324FCZZ	5- 25	AX	FW		B	
RLMPU0325FCZZ	5- 25	AX	FX		B	
RLMPU0327FCZZ	5- 25	AX	FW		B	
RLMPU0328FCZZ	5- 25	AX	FW		B	
RLMPU0329FCZZ	5- 25	AX	FX		B	
RLMPU0331FCZZ	3- 15	AY	FZ		B	
RLMPU0333FCZZ	3- 15	AY	FZ		B	
RMPTA0021FCZZ	12- 10	AH	DX		B	
RMPTA0030FCZZ	12- 10	AE	DJ		B	
RPLU-0273FCZZ	6- 52	AM	EG	N	B	
RPLU-0274FCZZ	7- 13	AP	EQ	N	B	
RPLU-0275FCZZ	8- 31	AN	EG	N	B	
RPLU-0276FCZZ	8- 32	AM	EG	N	B	
RR-SZ0404FCZZ	12- 11	AC	DC	N	C	
RR-SZ0405FCZZ	12- 12	AA	DA	N	C	
RR-SZ0406FCZZ	12- 13	AA	DA	N	C	
RR-XZ0337FCZZ	12- 14	AC	DE		B	
RR-XZ0338FCZZ	12- 14	AC	DE		B	
RTHM-0009FCZZ	5- 22	AK	EA		B	
RTRNZ0362FCZ1	4- 7	BF	HE		B	
RVR-M3510QCZZ	12- 15	AD	DJ	N	B	
〔S〕						
SPAKA4621FCZZ	10- 1	AS	FG	N	D	
SPAKA4623FCZZ	10- 1	AN	EG	N	D	
SPAKA4624FCZZ	10- 6	AP	EQ	N	D	
SPAKA4649FCZZ	10- 5	AP	EQ	N	D	
SPAKC4618FCZZ	10- 7	AW	FQ	N	D	
SPAKC4618FC11	10- 7	AW	FQ	N	D	
SPAKC4619FCZZ	10- 7	AX	FX	N	D	
SPAKC4620FCZZ	10- 7	AV	FQ	N	D	
SPAKC4620FCZ1	10- 7	AV	FQ	N	D	
SPAKC4628FCZZ	10- 7	AY	GD	N	D	
SPAKC4636FCZZ	10- 7	AW	FQ	N	D	
SPAKC4636FC11	10- 7	AW	FQ	N	D	
SSAKA2340QCZZ	10- 103	AA	DA		D	
〃	10- 103	AA	DA		D	
SSAKH4231CCZZ	10- 101	AA	DA		D	
〔T〕						

PARTS CODE	NO.	PRICE R. Ex.	PRICE R. Ja.	NEW	P/R	
TCAUA0766FCZZ	1- 13	AB	DB		C	
TCAUH0687FCZZ	1- 13	AA	DB		C	
TCAUH0817FCZZ	4- 9	AA	DA		C	
TCAUH0918FCZZ	1- 13	AA	DA		C	
TCAUH0936FCZZ	1- 13	AB	DC		C	
TINSE0968FCZZ	10- 3	AH	DX	N	D	
〃	10- 3	AH	DX	N	D	
TINSF0970FCZZ	10- 3	AH	DX	N	D	
TINSZ0973FCZZ	10- 3	AH	DX	N	D	
〃	10- 3	AH	DX	N	D	
TLABH2993FCBZ	2- 8	AD	DJ	N	D	
TLABH2993FCZZ	2- 8	AD	DJ	N	C	
TLABH2997FCZZ	2- 8	AD	DJ	N	C	
TLABH2998FCZZ	2- 8	AE	DS	N	D	
TLABH3021FCZZ	2- 8	AD	DJ	N	D	
TLABR3004FCZZ	10- 8	AA	DD	N	C	
TLABR3005FCZZ	10- 8	AA	DD	N	C	
TLABR3006FCZZ	10- 9	AB	DD	N	C	
TLABR3007FCZZ	10- 8	AA	DD	N	C	
TLABR3008FCZZ	10- 8	AA	DD	N	C	
TLABR3009FCZZ	10- 9	AB	DD	N	C	
TLABR3014FCZZ	10- 8	AA	DD	N	C	
TLABR3015FCZZ	10- 8	AA	DD	N	C	
TLABR3027FCZZ	10- 8	AA	DD	N	C	
TLABZ1794FCZZ	10- 4	AA	DA		D	
TLABZ1795FCZZ	10- 4	AA	DA	N	D	
TLABZ2994FCBZ	1- 11	AD	DJ	N	D	
TLABZ2994FCZZ	1- 11	AD	DJ	N	C	
TLABZ2995FCZZ	1- 11	AD	DJ	N	D	
TLABZ2996FCZZ	1- 11	AD	DJ	N	C	
TLABZ3023FCBZ	1- 12	AB	DD	N	C	
TLABZ3023FCZZ	1- 12	AB	DD	N	C	
TLABZ3024FCBZ	1- 2	AB	DD	N	C	
TLABZ3024FCZZ	1- 2	AB	DD	N	C	
TLABZ3025FCZZ	1- 2	AB	DD	N	C	
〔U〕						
UCLEZ0070FCZ1	10- 104	AC	DD		D	
〔V〕						
VCEAGA1VW106M	12- 17	AA	DA		C	
VCEAGA1VW107M	12- 16	AB	DB		C	
VCEAGA1VW475M	12- 17	AA	DA		C	
VHDDF04M///-1	12- 18	AD	DG		B	
VHDDF06M///-1	12- 18	AE	DS	N	B	
VHIMHIK-1//-1	12- 19	AU	FK	N	B	
VHI7508HCUR04	11- 11	AU	FQ	N	B	
VHPGL6E201///	13- 7	AL	EB		B	
VHPLD-201MG-1	13- 16	AE	DK		B	
VHPPC817///-1	12- 20	AF	DP		B	
VHPPC847///-1	13- 8	AM	EC		B	
VHRS11MD5V/-1	12- 21	AF	DQ		B	
VHRS21MD3//-1	12- 21	AF	DQ		B	
VHSAC08FSM/-1	12- 22	AK	EA		B	
VHSAC12DSM/-1	12- 22	AK	DY		B	
VRD-RB2EY103J	12- 23	AA	DA		C	
VRNRB2EK2003F	12- 24	AA	DA		C	
VRNRB2EK4123F	12- 24	AA	DA		C	
〔X〕						
XBBSD26P04000	8- 30	AA	DA		C	
XBBSD30P06000	8- 33	AA	DB		C	
XBPBN40P10K00	5- 6	AA	DA		C	
XBPBZ40P06K00	7- 11	AA	DA		C	
XBPSD30P05000	8- 35	AA	DA		C	
XBPSD30P06K00	5- 23	AA	DA		C	
〃	11- 23	AA	DA		C	
XBPSD30P08K00	12- 25	AA	DA		C	
XBPSD30P08000	3- 31	AA	DA		C	
XBPSD30P16000	3- 1	AA	DA		C	
XBPSD40P08K00	5- 33	AA	DA		C	
XBPSF30P06K00	3- 10	AA	DA		C	
XBPSF30P06000	3- 13	AA	DA		C	
XCPSD30P06000	7- 61	AA	DB		C	
XCPSF30P06000	3- 30	AA	DA		C	
XEBSD30P08000	2- 6	AA	DA		C	
〃	6- 78	AA	DA		C	
XEBSD40P12000	7- 2	AA	DA		C	
XEBSF30P08000	1- 18	AA	DA		C	
〃	7- 42	AA	DA		C	
XHBSE30P08000	2- 7	AA	DA		C	
〃	4- 6	AA	DA		C	
〃	5- 2	AA	DA		C	

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PARTS CODE	NO.	PRICE R. Ex.	PRICE R. Ja.	NEW	P/R	
XHBSE30P08000	6- 2	AA	DA		C	
〃	7- 1	AA	DA		C	
XHBSE30P10000	2- 17	AA	DA		C	
XHBSE40P10000	6- 17	AA	DA		C	
〃	7- 3	AA	DA		C	
XHBSF30P06000	7- 55	AA	DA		C	
XHBSF30P08000	1- 17	AA	DA		C	
〃	2- 16	AA	DA		C	
XJBSD30P05000	8- 7	AA	DA		C	
XNEBN40-24000	5- 9	AA	DA		C	
XNESD30-24000	3- 3	AA	DA		C	
〃	5- 20	AA	DA		C	
〃	12- 26	AA	DA		C	
XNESD40-24000	5- 31	AA	DA		C	
XPSSD20-10000	7- 17	AA	DD	N	C	
XRESP30-05000	6- 50	AA	DA		C	
XRESP40-06000	4- 1	AA	DA		C	
〃	6- 45	AA	DA		C	
〃	7- 18	AA	DA		C	
〃	8- 13	AA	DA		C	
XRESP50-06000	4- 16	AA	DA		C	
〃	5- 34	AA	DA		C	
〃	6- 37	AA	DA		C	
〃	7- 26	AA	DA		C	
XRESP60-08000	8- 10	AA	DA		C	
XRESP70-08000	6- 30	AA	DA		C	
XRESP80-08000	6- 32	AA	DA		C	
XUBUZ30P06000	6- 41	AA	DA		C	
XWHSD40-08000	6- 60	AA	DA		C	
XWHSD40-08100	6- 72	AA	DA		C	
【0】						
0FQ0000000001	14- 37	AB	DD	N	C	
0FQ0110101550	14- 6	AP	EQ	N	C	
0FQ0110101560	14- 8	AE	DS	N	C	
0FQ0110300390	14- 7	AE	DS	N	C	
0FQ0110600065	14- 9	AE	DS	N	C	
0FQ0110700330	14- 11	AH	DX	N	C	
0FQ0110700340	14- 11	AN	EG	N	C	
0FQ0110800031	14- 10	AE	DS	N	C	
0FQ0110800210	14- 10	AE	DS	N	C	
0FQ0111000110	14- 17	AN	EG	N	B	
0FQ0111000120	14- 17	AN	EG	N	B	
0FQ0120100450	14- 16	AB	DD	N	C	
0FQ0120101121	14- 16	AC	DD	N	C	
0FQ0120102070	14- 13	AB	DD	N	C	
0FQ0120102080	14- 14	AB	DD	N	C	
0FQ0120300770	14- 12	AD	DF		C	
〃	14- 15	AD	DF		C	
0FQ0130100700	14- 2	AQ	EZ	N	B	
0FQ0130300960	14- 3	AF	DS	N	B	
0FQ0130300990	14- 4	AF	DS	N	B	
0FQ0130500320	14- 5	AE	DS	N	B	
0FQ0130700100	14- 18	AU	FQ	N	B	
0FQ0130700110	14- 18	AN	EG	N	B	
0FQ0140300150	14- 1	AW	FX	N	B	
0FQ0140300160	14- 1	AW	FX	N	B	
0FQ0140300170	14- 1	AW	FX	N	B	
0FQ0140300180	14- 1	AW	FX	N	B	
0FQ0140300190	14- 1	AW	FX	N	B	
0FQ0140300200	14- 1	AW	FX	N	B	
0FQ0140600620	14- 58	AM	EG	N	B	
0FQ0140600630	14- 59	AM	EG	N	B	
0FQ0151200020	14- 19	AQ	ER		B	
0FQ0170100520	14- 36	AB	DD	N	C	
0FQ0170100530	14- 36	AB	DD	N	C	
〃	14- 36	AB	DD	N	C	
0FQ0180300870	14- 28	AC	DD	N	C	
0FQ0180300880	14- 29	AC	DD	N	C	
0FQ0180300890	14- 30	AC	DD	N	C	
0FQ0180300900	14- 31	AC	DD	N	C	
0FQ0200100570	14- 25	AH	DX	N	C	
0FQ0200100580	14- 26	AH	DX	N	C	
0FQ0200100590	14- 25	AH	DX	N	C	
0FQ0210300020	14- 39	AQ	EZ	N	B	
0FQ0220100420	14- 20	AL	EB	N	A	
0FQ0220100430	14- 21	AH	DX	N	A	
0FQ0220100440	14- 20	AH	DX	N	A	
0FQ0220100450	14- 21	AH	DX	N	A	
0FQ0220100460	14- 20	AH	DX	N	A	
0FQ0220100470	14- 20	AN	EQ	N	A	

PARTS CODE	NO.	PRICE R. Ex.	PRICE R. Ja.	NEW	P/R	
0FQ0220300020	14- 33	AB	DD	N	C	
0FQ0220300030	14- 32	AD	DF		C	
0FQ0230300210	14- 22	AG	DX	N	C	
0FQ0230300211	14- 34	AB	DD	N	C	
0FQ0230300220	14- 35	AB	DD	N	C	
0FQ0290000220	14- 40	AC	DD	N	C	
0FQ0290000230	14- 41	AC	DD	N	C	
0FQ0700600070	14- 38	AM	EG	N	C	
0FQ0701100780	14- 42	AB	DD	N	C	
0JF89007CSA4/	11- 19	AF	DS	N	B	
0JF89011DA204	11- 8	AC	DJ	N	B	
0JF8901310393	11- 14	AF	DS	N	B	
0JF89014BA618	11- 16	AH	DX	N	B	
0JF8901512004	11- 17	AH	DX	N	B	
0JF89016143EK	11- 9	AC	DJ	N	B	
0JF890172SD18	11- 18	AE	DJ	N	B	
0JF89034358G/	11- 13	AF	DS	N	B	
0JF89038220//	11- 21	AQ	EZ	N	C	
0JF8904155075/	11- 7	AG	DS	N	C	
0JF8904555VR/	13- 6	AD	DJ	N	B	
0JF8904655MG/	13- 1	AD	DJ	N	B	
0JF8905317 26/	13- 4	AH	DX	N	C	
0JF891077805C	11- 12	AG	DS	N	B	
0JF8910824 73/	13- 5	AC	DD	N	B	
0JF89109F9102	13- 9	AB	DD	N	C	
0JF89110F1103	13- 10	AB	DD	N	C	
0JF89111F6802	13- 11	AB	DD	N	C	
0JF89112F7871	13- 12	AB	DD	N	C	
0JF89113F1651	13- 13	AB	DD	N	C	
0JF89114F1131	13- 14	AB	DD	N	C	
0JF89116TC124	11- 10	AC	DJ	N	B	
0JF891176.2C/	11- 20	AC	DD	N	B	
0JF89126SK///	13- 2	AD	DJ	N	B	
0JF8912716///	11- 22	AH	DX	N	C	
0JF8912874LSI	11- 15	AK	EB	N	B	
0JF8912935TW/	11- 1	AC	DD	N	C	
0JF8913010TW/	11- 2	AB	DD	N	C	
0JF8913125TW/	11- 3	AB	DD	N	C	
0JF89133S16B/	13- 3	AG	DS	N	C	
0JF89134B24B/	11- 4	AH	DX	N	C	
0JF89135B16B/	11- 5	AG	DS	N	C	
0JF89136B2B//	11- 6	AB	DD	N	C	
0JF8914910 01/	13- 15	AB	DD	N	C	

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